



**1.3.3: Percentage of programmes that have components of field projects / research projects / internships during the last five years.**



புனித வளனார் கலை மற்றும் அறிவியல் கல்லூரி (தன்னாட்சி) கடலூர்

## தமிழ்த்துறை

Title of the Activity : குறு ஆய்வேடு

தேதி : 02.05.2023

பங்கேற்பாளர்கள் : 41 (இளங்கலை மூன்றாம் ஆண்டு மாணவிகள்)

புனித வளனார் கலை மற்றும் அறிவியல் கல்லூரி (தன்னாட்சி) கடலூர்  
குறு ஆய்வேடு மேற்கொண்டதற்கான அறிக்கை.

2022 – 2023 ம் கல்வியாண்டிற்கான இளங்கலை மூன்றாம் ஆண்டு தமிழ் இலக்கியம் பயின்ற மாணவிகளுக்கு ஆறாம் பருவத்திற்கான பாடத்திட்டத்தின்படி (19JTA601) ஆய்வு மேற்கொள்ளப்பட்டதற்கான ஆய்வு அறிக்கை வருமாறு

கீழ்க்கண்ட பட்டியலில் உள்ளவாறு தமிழ்த்துறை பேராசிரியர்கள் அனைவருக்கும் மாணவிகள் பிரிக்கப்பட்டு ஒரு குழுவிற்கு ஒரு தலைப்பாகக் கொடுக்கப்பட்டது. அதன்படி ஆய்வுகள் மேற்கொள்ளப்பட்டு குறிப்பிட்ட தேதியில் சமர்ப்பிக்கப்பட்டு, வாய்மொழித்தேர்வானது 02.05.2023 அன்று நடத்தப்பட்டது. இந்த வாய்மொழித்தேர்விற்கு விழுப்புரம் அறிஞர் அண்ணா கலைக் கல்லூரியிலிருந்து தமிழ்த்துறை பேராசிரியர் முனைவர் உரு அசோகன் அவர்கள் புறத்தேர்வராக கலந்து கொண்டு வாய்மொழித்தேர்வினை நடத்தி அனைவருக்கும் மதிப்பெண்களை வழங்கி தேர்வினை நிறைவுசெய்தார்.

S.No	Roll Number	Name	Topic
1	A20TAE02	ANUSUYA.M	விளம்பரங்கள்-ஓர் ஆய்வு
2	A20TAE03	BHARATHI.B	விளம்பரங்கள்-ஓர் ஆய்வு
3	A20TAE04	DIVYA.M	விளம்பரங்கள்-ஓர் ஆய்வு
4	A20TAE05	ELAVARASI.B	விளம்பரங்கள்-ஓர் ஆய்வு
5	A20TAE06	GAYATHRI.M	வரலாற்று நோக்கில் திருப்பாதிரிப் புலியூர் கோயில்
6	A20TAE07	JANANILM	சிறுதெய்வம் பாசி அம்மன் ஓர்ஆய்வு
7	A20TAE08	JAYALAKSHMI.G	தரங்கம்பாடி சுற்றுலா தளம் குறித்த மறு ஆய்வுப் பயணம்



8	A20TAE09	KAVYA.S	அகநானூற்றில் சிற்றரசர்கள்
9	A20TAE12	PRABAVATHI.M	சிறுதெய்வம் அழகர் சித்தர்- ஓர் ஆய்வு
10	A20TAE13	RAKSHAYA.A	நாட்டுப்புறக் கலைகள் நிகழ்த்து கலைகள் ஓர் ஆய்வு
11	A20TAE14	RUPAVATHI.S	இலக்கியத்தில் திருநங்கையின் வாழ்வியல் கூறுகள் ஒரு மீள்பார்வை
12	A20TAE15	SIVAPRIYA.G	வரலாற்று நோக்கில் திருப்பாதிரிப்புலியூர் கோயில
13	A20TAE16	SWATHY.B	எய்தனாரும் ஏனாதிநாத நாயனாரும்
14	A20TAE17	DEEPA.S	ஸ்ரீ மஹாகாளேஸ்வரர் திருக்கோவில் (இரும்பை) ஓர் ஆய்வு
15	A20TAE18	KIRUTHIKA.J	விளம்பரங்கள்-ஓர் ஆய்வு
16	A20TAE19	RAMANI.R	சிறுதெய்வம் பாசி அம்மன் ஓர் ஆய்வு
17	A20TAE20	GAYATHRI.K	விளம்பரங்கள்-ஓர் ஆய்வு
18	A20TAE22	SUBASHINI.S	வரலாற்று நோக்கில் திருப்பாதிரிப்புலியூர் கோயில
19	A20TAE23	MANJU NEYA.R	சிறுதெய்வம் பாசி அம்மன் ஓர் ஆய்வு
20	A20TAE24	THEENTHAMIZHACHI.G	தரங்கம்பாடி சுற்றுலா தளம் குறித்த மறு ஆய்வுப் பயணம்
21	A20TAE25	PAVITHRA.B	அகநானூற்றில் சிற்றரசர்கள்
22	A20TAE26	PRIYA.D	தரங்கம்பாடி சுற்றுலா தளம் குறித்த மறு ஆய்வுப் பயணம்
23	A20TAE27	ANANTHAJOTHI.B	சிறுதெய்வம் அழகர் சித்தர்- ஓர் ஆய்வு
24	A20TAE28	PRIYA.V	அகநானூற்றில் சிற்றரசர்கள்
25	A20TAE29	HARANYA.S	நாட்டுப்புறக் கலைகள் நிகழ்த்து கலைகள் ஓர் ஆய்வு
26	A20TAE30	RAJALAKSHMI.S	இலக்கியத்தில் திருநங்கையின் வாழ்வியல் கூறுகள் ஒரு மீள்பார்வை
27	A20TAE31	KEERTHANA.S	எய்தனாரும் ஏனாதிநாத நாயனாரும்
28	A20TAE32	ABITHA.T	ஸ்ரீ மஹாகாளேஸ்வரர் திருக்கோவில் (இரும்பை) ஓர் ஆய்வு
29	A20TAE33	BOOMIDHA.V	சிறுதெய்வம் பாசி அம்மன் ஓர் ஆய்வு
30	A20TAE34	SENTAMIZH.S	சிறுதெய்வம் அழகர் சித்தர்- ஓர் ஆய்வு

31	A20TAE35	GAYATHIRI.S	நாட்டுப்புறக் கலைகள் நிகழ்த்து கலைகள் ஓர் ஆய்வு
32	A20TAE36	RATHIMEENA.P	தரங்கம்பாடி சுற்றுலா தளம் குறித்த மறு ஆய்வுப் பயணம்
33	A20TAE38	SATHYA.S	அகநானூற்றில் சிற்றரசர்கள்
34	A20TAE39	MONISHA.P	சிறுதெய்வம் அழகர் சித்தர்- ஓர் ஆய்வு
35	A20TAE40	SATHYA.S	இலக்கியத்தில் திருநங்கையின் வாழ்வியல் கூறுகள் ஒரு மீள்பார்வை
36	A20TAE41	POORANI.M	நாட்டுப்புறக் கலைகள் நிகழ்த்து கலைகள் ஓர் ஆய்வு
37	A20TAE42	ABINAYA.B	இலக்கியத்தில் திருநங்கையின் வாழ்வியல் கூறுகள் ஒரு மீள்பார்வை
38	A20TAE43	DHANAVANTHINI.G	எய்தனாரும் ஏனாதிநாத நாயனாரும்
39	A20TAE44	NIVETHA.L	ஸ்ரீ மஹாகாளேஸ்வரர் திருக்கோவில் (இரும்பை) ஓர் ஆய்வு
40	A20TAE46	THIRISHA.G	எய்தனாரும் ஏனாதிநாத நாயனாரும்
41	A20TAE47	SATHEESHA.J	ஸ்ரீ மஹாகாளேஸ்வரர் திருக்கோவில் (இரும்பை) ஓர் ஆய்வு

  
Class In-Charge

  
HOD

Department of Tamil  
Dr. M. V. S. HAN, M.A., Ph.D.  
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**A STUDY ON SPLIT AND NON SPLIT DOMINATION OF SOME  
NAMED GRAPHS**

This project is submitted to St. Joseph's College of Arts and Science (Autonomous)

in partial fulfilment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN MATHEMATICS**

By

**AAISHA M. D**

**(A21MMT01)**

Under the Guidance of

**Dr.L.JETHRUTH EMELDA MARY, M.Sc., M.Phil., B.Ed., Ph.D.,**

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**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University)

**CUDDALORE-607 001**

**MAY-2023**

## CERTIFICATE

This is to certify that the project on "A STUDY ON SPLIT AND NON SPLIT DOMINATION OF SOME NAMED GRAPHS" is a bonafide record of work done AAISHA M. D (A21MMT01), under my supervision and submitted to St. Joseph's College of Arts & Science, Cuddalore-607 001, affiliated to Annamalai University, Annamalai Nagar, Chidambaram, in partial fulfilment for the award of the degree Of MASTER OF SCIENCE IN MATHEMATICS.



HEAD OF THE DEPARTMENT

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PROJECT SUPERVISOR

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Place: Cuddalore

Date: 03/05/23

EXAMINERS:

1.   
3/8/23

2. S. Vijayabalan  
(Dr. S. VIJAYABALAN)



# **A JOB SEQUENCE OF STEEL INDUSTRY BY USING TRAPEZOIDAL FUZZY NUMBER**

This Project is submitted to St. Joseph's College of Arts & Science (Autonomous), in partially  
Fulfillment of The requirement for the degree of Master of Science in Mathematics

By

**S.ABICKSHA**  
**(A21MMT02)**

Under the Guidance of

**Dr. A. SATHIA MARY, M.Sc., M.Phil., Ph.D.,**  
Assistant professor



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**CUDDALORE-607 001**  
**MAY -2023**

## CERTIFICATE

This is to certify that the project on "A JOB SEQUENCE OF STEEL INDUSTRY BY USING TRAPEZOIDAL FUZZY NUMBER" is a bonafide record of work done by S.ABICKSIA (A21MMT02), under the supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607 001, affiliated to Annamalai University, Annamalai Nagar, in partial fulfillment for the award of the degree of MASTER OF SCIENCE in MATHEMATICS.



**HEAD OF THE DEPARTMENT**

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## EXAMINERS:

1. 

**Dr. L. HENRY**, M.Sc., M.Phil., Ph.D.  
Asst. Professor of Mathematics  
Periyar Arts College,  
Cuddalore - 607 001

2. 

(DR. S. VU AYABALA)

# **A MULTI-CRITERIA DECISION MAKING APPROACH ON SELECTING A BEST NUTRIENT NUT USING MOORA METHOD**

This project is submitted to St. Joseph's College of Arts and Science (Autonomous)

in partial fulfilment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN MATHEMATICS**

By

**M.ABIRAMI**

**(A21MMT03)**

Under the Guidance of

**Dr.A.SAVITHA MARY, M.Sc., M.Phil., Ph.D.,**

Assistant Professor, Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Annamalai University)

**CUDDALORE-607 001**

**MAY-2023**



## CERTIFICATE

This is to certify that the project on "A MULTI-CRITERIA DECISION MAKING APPROACH ON SELECTING A BEST NUTRIENT NUT USING MOORA METHOD" is a bonafide record of work done by M.ABIRAMI (A21MMT03), under my supervision and submitted to St. Joseph's College of Arts & Science, Cuddalore-607 001, affiliated to Annamalai University, Annamalai nagar, Chidambaram, in partial fulfilment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



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### PROJECT SUPERVISOR

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Cuddalore - 607 001

Place: Cuddalore

Date: 03.05.2023

### EXAMINERS:

1.   
3/5/23
2. S. Vijal  
(Dr. S. VUAYABALAJI)



# **A STUDY ON PROFIT ESTIMATION OF START-UP RETAILER USING FUZZY INFERENCE SYSTEM IN MATLAB**

This project is submitted to St. Joseph's College of Arts and Science (Autonomous)

in partial fulfillment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN MATHEMATICS**

By

**S. ANUSHA**

**(A21MMT04)**

Under the Guidance of

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**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Annamalai University)

**CUDDALORE-607 001**

**MAY - 2023**

## CERTIFICATE

This is to certify that the project on "A STUDY ON PROFIT ESTIMATION OF START-UP RETAILER USING FUZZY INFERENCE SYSTEM IN MATLAB" is a bonafide record of work done by S. ANUSHA (A21MMT04), under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore-607 001, affiliated to Annamalai University, Annamalai Nagar, Chidambaram, in partial fulfilment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



**HEAD OF THE DEPARTMENT**

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Date: 03.05.2023



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**EXAMINERS:**

1.  3/5/23

**Dr. L. HENRY, M.Sc., M.Phil., Ph.D**

**Asst. Professor of Mathematics**

2. **Periyar Arts College,**  
**Cuddalore - 607 001**

 3/5/23

(Dr. S. VIJAYA BALAJI)



# **A STUDY ON PROPERTIES OF HAUSDORFF SPACE WITH THEIR EXISTENCE AND ITS REAL LIFE APPLICATIONS**

This project is submitted to St. Joseph's College of Arts and Science (Autonomous)

in partial fulfilment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN MATHEMATICS**

By

**S. ASWINI  
(A21MMT05)**

Under the Guidance of

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Vice Principal & Head of the Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Annamalai University)

**CUDDALORE-607 001.**

**MAY - 2023**

## CERTIFICATE

This is to certify that the project on "A STUDY ON PROPERTIES OF HAUSDORFF SPACE WITH THEIR EXISTENCE AND ITS REAL LIFE APPLICATIONS" is a bonafide record of work done by S. ASWINI (A21MMT05), under my supervision and submitted to St. Joseph's College of Arts & Science, Cuddalore-607 001, affiliated to Annamalai University, Annamalai nagar, chidhabaram, in partial fulfilment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



### HEAD OF THE DEPARTMENT

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### PROJECT SUPERVISOR

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Place: Cuddalore

Date: 03/05/2023

### EXAMINERS:

1.   
3/5/23

2. S. Vijayabala  
(Dr. S. VIJAYABALA)



# **A WIRELESS SENSOR NETWORK'S DEPLOYMENT AND IT'S TOPOLOGY IN PRECISION AGRICULTURE**

This project is submitted to St. Joseph's College of Arts and Science (Autonomous)

in partial fulfilment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN MATHEMATICS**

By

**BALAMURUGAN. P**

**(A21MMT06)**

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(AFFILIATED TO ANNAMALAI UNIVERSITY)**

**CUDDALORE-607 001**

**MAY - 2023**

## CERTIFICATE

This is to certify that the project on "A WIRELESS SENSOR NETWORK'S DEPLOYMENT AND ITS TOPOLOGY IN PRECISION AGRICULTURE" is a bonafide record of work done by **BALAMURUGAN.P (A21MMT06)**, under my supervision and submitted to **St. Joseph's College of Arts & Science, Cuddalore-607 001**, affiliated to **Annamalai University, Annamalai nagar, chithambaram**, in partial fulfilment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS**.



**HEAD OF THE DEPARTMENT**

**J. JONA**

Head of the Department  
PG & Research Department of Mathematics  
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**PROJECT SUPERVISOR**

**J. JONA AROCKIARAJ, M.Sc., M.Phil., B.Ed., PGCCA**  
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CUDDALORE - 607 001

Place: Cuddalore


Date: 3/05/2023

**EXAMINERS:**

1. 

**Dr. L. HENRY, M.Sc., M.Phil., B.Ed.**  
Asst. Professor of Mathematics  
Periyar Arts College  
Cuddalore - 607 001

2.

  
(Dr. S. V. VAYABALAN)

# **FUZZY BI-INTERIOR IDEALS OF TERNARY $\Gamma$ - SEMI-RING**

This project is submitted to St. Joseph's College of Arts and Science (Autonomous)

in partial fulfillment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN MATHEMATICS**

By

**BATHMA PRIYA.A**

**(A21MMT07)**

Under the Guidance of

**Mrs.R.PADMA PRIYA, M.Sc., M.Phil., B.Ed., PGDCA.,**

Assistant Professor, PG & Research Department of Mathematics.



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University)

**CUDDALORE-607 001**

**May – 2023**

## CERTIFICATE

This is to certify that the project on "Fuzzy Bi-Interior ideals of Ternary  $\Gamma$ -Semi-ring" is a bonafide record of work done by BATHMA PRIYA.A(A2IMMT07), under my supervision and submitted to St. Joseph's College of Arts & Science, Cuddalore-607 001, affiliated to Annamalai University, Annamalai nagar, in partial fulfilment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



### HEAD OF THE DEPARTMENT

J. JON AROCKIARAJ, M.Sc. M.Phil. B.Ed.  
Head of the Department  
PG & Research Department of Mathematics  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore-607 001



### PROJECT SUPERVISOR

R. PADMA PRIYA, M.Sc. M.Phil. B.Ed.  
Asst. Professor  
Department of Mathematics,  
St. Joseph's College of Arts & Science,  
Cuddalore.

Place: Cuddalore

Date:

### EXAMINERS:

1.  3/5/23
2. 



# **A PYTHON BASED TOOLKIT FOR ANALYZING AND SOLVING GRAPH THEORY PROBLEMS**

This project is submitted to St. Joseph's College of Arts & Science (Autonomous),  
in partial fulfillment of the requirement for the degree of  
Master of Science in Mathematics

By  
**S. BAVADHARINI**  
(A21MMT08)

Under the guidance of  
**Dr. A. VENKATESAN, M.Sc., B.Ed., M.Phil., SET, Ph.D.,**  
Assistant Professor



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University, Annamalai Nagar)

Cuddalore – 607 001.

**MAY – 2023**

## CERTIFICATE

This is to certify that the project on "A PYTHON BASED TOOLKIT FOR ANALYZING AND SOLVING GRAPH THEORY PROBLEMS" is a bonafide record of work done by S. BAVADHARINI (A2IMMT08), under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607 001. Affiliated to Annamalai University, Annamalai Nagar, in partial fulfillment for the award of the degree of MASTER OF SCIENCE in MATHEMATICS.



Head of the Department

J. JON ARONCHARAJ, V.Sc., M.Phil., B.Ed., PGCCA,  
Head of the Department  
PG & Research Department of Mathematics  
St. Joseph's College of Arts & Science (Autonomous)  
CUDDALORE - 607 001



Project Supervisor

Dr. A. Venkatesan


Place: Cuddalore

Date: 08-05-2023

Examiners:

1. 

Dr. L. HENRY, M.Sc., M.Phil., Ph.D.  
Asst. Professor of Mathematics  
Periyar Arts College,  
Cuddalore - 607 001

2.   
(Dr. S. V. JAYARAM)

# **ANALYSIS OF MONTHLY EXPENSES BETWEEN URBAN AND RURAL AREAS BY USING MAX-MIN COMPOSITION IN FUZZY SOFTSET MATRIX**

This project is submitted to St. Joseph's College of Arts and Science (Autonomous)

in partial fulfillment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN MATHEMATICS**

By

**D.CHANDRU**

**(A21MMT09)**

Under the Guidance of

**Dr. S.JOHNSON SAVARIMUTHU, M.Sc., M.Phil.,B.Ed.,Ph.D.,**

Assistant Professor



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOUOUS)**

**(Affiliated to Annamalai University)**

**CUDDALORE-607 001.**

**MAY - 2023**



## CERTIFICATE

This is to certify that the project on "ANALYSIS OF MONTHLY EXPENSES BETWEEN URBAN AND RURAL AREAS BY USING MAX-MIN COMPOSITION IN FUZZY SOFTSET MATRIX" is a bonafide record of work done by D.CHANDRU (A21MMT09), under my supervision and submitted to St. Joseph's College of Arts & Science(Autonomous), Cuddalore-607 001, affiliated to Annamalai University, Annamalai Nagar, Chidambaram, in partial fulfilment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



HEAD OF THE DEPARTMENT

J. JON AROCKIARAJ, M.Sc., M.Phil., B.Ed., FCCA.  
Head of the Department,  
PG & Research Department of Mathematics  
St. Joseph's College of Arts & Science (Autonomous)  
CUDDALORE - 607 001



PROJECT SUPERVISOR


Dr. S. JOHNSON, M.Sc., M.Phil., B.Ed., Ph.D.,  
Associate Professor  
PG & Research Department of Mathematics  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001

Place: Cuddalore

Date: 03/05/2023

EXAMINERS:

1.   
3/5/23

2. 

# **RESTRAINED DOMINATION ON 3 & 4 REGULAR GRAPHS AND ITS LINE & COMPLEMENT GRAPHS**

This project is submitted to St. Joseph's College of Arts and Science (Autonomous) in partial fulfillment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN MATHEMATICS**

By

**DIHIVYA.V  
(A21MMT12)**

Under the Guidance of

**Dr. L.JETHRUTH EMELDA MARY, M.Sc., M.Phil., B.Ed., Ph.D.,**

Assistant Professor.



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**(Affiliated to Annamalai University)**

**CUDDALORE - 607 001.**

**MAY-2023**

## CERTIFICATE

This is to certify that the project on "RESTRAINED DOMINATION ON 3 & 4 REGULAR GRAPHS AND ITS LINE & COMPLEMENT GRAPHS" is a bonafide record of work done **DIHYYA.V(A21MMT12)**, under my supervision and submitted to **St. Joseph's College of Arts & Science, Cuddalore-607 001**, affiliated to Annamalai University, Annamalai Nagar, in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS**.



**HEAD OF THE DEPARTMENT**

**J. JON AROCKIARAJ, M.Sc., M.Phil., B.Ed., PGDCA,**  
Head of the Department,  
PG & Research Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous),  
CUDDALORE - 607 001



**PROJECT SUPERVISOR**

**Dr. L. JETHRUTH EMELDA MARY,**  
M.Sc., M.Phil., B.Ed., Ph.D.,  
Assistant Professor in Mathematics  
St. Joseph's College of Arts and Science  
Cuddalore - 607 001.

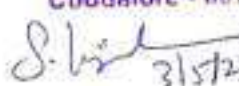
Place: Cuddalore

Date: 03.06.2023

**EXAMINERS:**



1. **Dr. L. HENRY, M.Sc., M.Phil., Ph.D.**  
**Asst. Professor of Mathematics**  
**Periyar Arts College,**  
**Cuddalore - 607 001**

2.   
(**Dr. S. VIJAYABALAN**)



**A STUDY ON THE COMPARISON OF FACILITIES IN  
GOVERNMENT SCHOOLS Vs PRIVATE SCHOOLS BY  
USING INTUITIONSTIC FUZZY MAX- MIN AVERAGE  
COMPOSITION METHOD**

This project is submitted to St. Joseph's College of Arts and Science(Autonomous)

in partial fulfilment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN MATHEMATICS**

By

**E.ELAVENIR**

**(A21MMT13)**

Under the Guidance of

**Mr.T.HENSON,M.Sc,M.Phil,B.Ed,M.Sc (IT),PGDCA**

Assistant Professor



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**(Affiliated to Annamalai University)**

**CUDDALORE-607 001.**

**MAY - 2023**

## CERTIFICATE

This is to certify that the project on "A STUDY ON THE COMPARISON OF FACILITIES IN GOVERNMENT SCHOOLS V's PRIVATE SCHOOLS BY USING INTUITIONSTIC FUZZY MAX- MIN AVERAGE COMPOSITION METHOD" is a bonafide record of work done by E.ELAVENIR (A21MMT13), under my supervision and submitted to St. Joseph's College of Arts & Science(Autonomous), Cuddalore-607001, affiliated to Annamalai University, Annamalai nagar, chidambaram in partial fulfilment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



HEAD OF THE DEPARTMENT

J. JON AROCKIARAJ, M.Sc., M.Phil, B.Ed., PGDCA,  
Head of the Department,  
PG & Research Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous),  
CUDDALORE - 607 001



PROJECT SUPERVISOR


T. HENSON, M.Sc., M.Phil, M.Sc(IT), B.Ed., PGDCA,  
Assistant Professor, PG and Research Department of Mathematics,  
St. Joseph's College of Arts and Science (Autonomous)  
Cuddalore - 607 001.

Place: Cuddalore

Date: 03.05.2023

EXAMINERS:

1.  3/5/23

2.   
(Dr. S. VAYABALA)

# **AN ANALYSIS OF AGRO CHEMICALS EXPORTS USING THE TOPSIS METHOD**

This project is submitted to St. Joseph's College of Arts & Science (Autonomous),

In partial fulfillment of the requirement for the degree of  
**MASTER OF SCIENCE IN MATHEMATICS**

By

**C. GAYATHRI**

**(A21MMT14)**

Under the Guidance of

**Dr. A. VENKATESAN, M.Sc., B.Ed., M.Phil., SET, Ph.D.,**

Assistant Professor

PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University)

**CUDDALORE – 607 001**

**MAY -2023**



## CERTIFICATE

This is to certify that the project on "AN ANALYSIS OF AGRO CHEMICALS EXPORTS USING THE TOPSIS METHOD" is a bonafide record of work done by **C. GAYATHRI (A21MMT14)** under my supervision and submitted to **St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607 001**, affiliated to Annamalai University, Annamalai Nagar, Chidambaram, in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS**.



**HEAD OF THE DEPARTMENT**

**J. JON AROCKIARAJ, M.Sc., M.Phil., Ph.D.**

Head of the Department

PG & Research Department of Mathematics

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore - 607 001

  
**PROJECT SUPERVISOR**

**Dr. N. Venkatesan**

Cuddalore

3 05 2023

**WITNESSES:**


1.   
3 5 23

**Dr. L. HENRY, M.Sc., M.Phil., Ph.D**

**Asst. Professor of Mathematics**

**Periyar Arts College,**

**Cuddalore - 607 001**

2.   
31 5 23  
(**Dr. S. VAYABALAN**)

# **AN ANALYSIS OF STUDENT'S ADMISSION IN HIGHER EDUCATION DURING COVID-19 USING HYPOTHESIS TEST**

This project is submitted to  
St. Joseph's College of Arts & Science (Autonomous), in partial  
fulfilment of the requirement for the award of the degree of  
**Master of Science in Mathematics**

By  
**R.MAHESWARI**  
**(A20MMT15)**

Under the Guidance of  
**Mr.T.HENSON, M.Sc., M.Phil., B.Ed., M.Sc(IT)., PGDCA**  
Assistant Professor



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
**(Affiliated to Thiruvalluvar University)**  
**CUDDALORE – 607 001**

**JUNE - 2022**

## CERTIFICATE

This is to certify that the project on "AN ANALYSIS OF STUDENT'S ADMISSION IN HIGHER EDUCATION DURING COVID -19 USING HYPOTHESIS TEST" is a bonafide record of work done by R.MAHESWARI (A20MMT15), under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore – 607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



HEAD OF THE DEPARTMENT

Dr. J. JON AROCKIARAJ M.Sc., M.Phil., Ph.D.

Head of the Department

PG & Research Department of Mathematics

St. Joseph's College of Arts & Science (Autonomous)

Place: Cuddalore

Date: 14.06.2022



PROJECT SUPERVISOR

T. HENSON, M.Sc., M.Phil., M.Sc.(IT), B.Ed., PGDCA.,

Assistant Professor, PG and Research Department of Mathematics

St. Joseph's College of Arts and Science (Autonomous)

Cuddalore - 607 001.

EXAMINERS:

1. S. S. Sathya
2. R. Viswanathan



# **FUZZY QUASI-INTERIOR IDEALS IN TERNARY $\Gamma$ -SEMI-RING**

This project is submitted to St. Joseph's College of Arts and Science (Autonomous)

in partial fulfillment of the requirement for the award of the degree of

## **MASTER OF SCIENCE IN MATHEMATICS**

By

**G.GOWSHIKA**

**(A21MMT16)**

Under the Guidance of

**Mrs.R.PADMA PRIYA, M.Sc., M.Phil., B.Ed., PGDCA.,**

Assistant Professor, PG & Research Department of Mathematics.



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOUOUS)**

(Affiliated to Annamalai University)

**CUDDALORE-607 001**

**MAY 2023**

## CERTIFICATE

This is to certify that the project on "FUZZY QUASI-INTERIOR IDEALS IN  
TERNARY  $\Gamma$ -SEMI-RING" is a bonafide record of work done by G. GOWSHIKA  
(A21MMT16), under my supervision and submitted to St. Joseph's College of Arts & Sciences,  
Cuddalore-607 001, affiliated to Annamalai University, Annamalai nagar, in partial fulfillment  
for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.

  
HEAD OF THE DEPARTMENT

J. JOY ARACKALAM, M.Sc., M.Phil., M.D.  
Head of the Department  
P.O. 1, Regional Department of Mathematics  
St. Joseph's College of Arts & Sciences, Cuddalore  
607 001

  
PROJECT SUPERVISOR


R. PADMA PRIYA, B.A., M.Sc., M.Phil.  
Asst. Professor  
Department of Mathematics,  
St. Joseph's College of Arts & Sciences,  
Cuddalore.

Place: Cuddalore


Date: 03.05.2023

EXAMINERS:

1.

  
Dr. L. HENRY, M.Sc., M.Phil., M.D.  
Asst. Professor of Mathematics  
Periyar Arts College,  
Cuddalore - 607 001

2.

  
(Dr. S. NAYAGACANI)

# CHRISTIAN THEOLOGICAL VIEW OF MATHEMATICS

This project is submitted to St. Joseph's College of Arts and Science (Autonomous)  
in partial fulfilment of the requirement for the award of the degree of  
**MASTER OF SCIENCE IN MATHEMATICS**

By

**T. GRACY**  
**(A21MMT17)**

Under the Guidance of

**Dr. S. JOHNSON SAVARIMUTHU, M.Sc., M. Phil., B.Ed., Ph.D.,**  
Assistant Professor, Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Annamalai University, Annamalai Nagar)

**CUDDALORE-607 001**

**MAY - 2023**



## CERTIFICATE

This is to certify that the project on "CHRISTIAN THEOLOGICAL VIEW OF MATHEMATICS" is a bonafide record of work done by T. GRACY (A21MMT17), under my supervision and submitted to St. Joseph's College of Arts & Science(Autonomous), Cuddalore-607 001, affiliated to Annamalai University, Annamalai Nagar, in partial fulfilment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



### HEAD OF THE DEPARTMENT

J. JON AROCKIARAJ, M.Sc., M.Phil., S.S.C., B.A.  
Head of the Department,  
PG & Research Department of Mathematics  
St. Joseph's College of Arts & Science (Autonomous)  
Place: Cuddalore - 607 001

Date: 05-05-2023




### PROJECT SUPERVISOR

Dr. S. JOHNSON SAVARIMUTHU M.Sc., M.Phil., B.Ed., Ph.D.  
Assistant Professor  
PG & Research Department of Mathematics  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001

### EXAMINERS:

1.   
3/5/23

2.   
(Dr. S. VIJAYABALAN)

# **A STUDY ON POSSIBILITY FERMATEAN BIPOLAR FUZZY SOFT SETS AND ITS APPLICATION**

This project is submitted to St. Joseph's College of Arts & Science (Autonomous),  
in partial fulfillment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN MATHEMATICS**

By

**JAYA SUDHA M**

**(A21MMT18)**

Under the Guidance of

**Mrs. R.PADMA PRIYA M.sc.,M.Phil.,B.Ed.,PGDCA.,**

Assistant Professor, PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO ANNAMALAI UNIVERSITY)**  
**CUDDALORE – 607 001**  
**MAY - 2023**


## CERTIFICATE

This is to certify that the project on "A STUDY ON POSSIBILITY FERMATEAN BIPOLAR FUZZY SOFT SETS AND ITS APPLICATION" is a bonafide record of work done by JAYA SUDHA, M(A21MMT18), under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore – 607001, affiliated to Annamalai University, Annamalai nagar, Chidambaram in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



Head of The Department

J. JON AROCKIARAJ, M.Sc., M.Phil., B.Ed., PGDCA,  
Head of the Department  
D3 & Research Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607 001



Project Supervisor

R. PADMA PRIYA, M.Sc., M.Phil., B.Ed., PGDCA,  
Asst. Professor  
Department of Mathematics,  
St. Joseph's College of Arts & Science,  
Cuddalore,

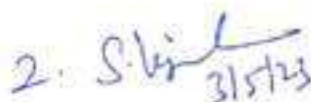
Place: Cuddalore

Date: 03-05-2023

EXAMINERS:



1. Dr. L. HENRY, M.Sc., M.Phil., Ph.D.  
Asst. Professor of Mathematics  
Periyar Arts College,  
Cuddalore - 607 001



(Dr. S. VAYABALA)



# **A STUDY ON FUZZY GRAPH AND ITS APPLICATION OF FUZZY SOCIAL NETWORK**

This project is submitted to St. Joseph's College of Arts and Science (Autonomous) in a  
partial fulfilment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN MATHEMATICS**

By

**B.KAVIYA**

**(A21IMMT19)**

Under the Guidance of

**Dr. A. RAJESH, M.Sc., M.Phil., B.Ed., PhD.,**

Assistant Professor of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Annamalai University)

**CUDDALORE - 607 001**

**MAY - 2023**

## CERTIFICATE

This is to certify that the project on "A STUDY ON FUZZY GRAPH AND ITS APPLICATION IN SOCIAL NETWORK" is a bonafide record of work done by **B. KAVIYA (A21MMT19)**, under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore- 607001, affiliated to Annamalai University, Annamalai nagar, in partial fulfillment for the award of the degree of **MASTER OF SCIENCE in MATHEMATICS**



**Head of the Department**

**J. JON AROCKIARAJ, M.Sc., M.Phil., B.Ed., PGDCA,**  
Head of the Department  
PG & Research Department of Mathematics  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607001

Place: *Cuddalore*

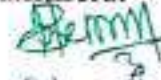
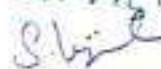
Date: *03 - 05 - 2023*



**Project Supervisor**

**Dr. A. RAJESH, M.Sc., B.Ed., M.Phil., Ph.D.,**  
Assistant Professor of Mathematics  
St. Joseph's College of Arts & Science (Autonomous)  
Manjakuppam, Cuddalore - 607001.

**Examiners:**

1.  *3/8/23*
  2. 
- (DR. S. V. VAYABALA)

# **A FUZZY MATHEMATICAL APPROACH FOR MEASURING AIR POLLUTION FROM INDUSTRIAL AREA OF CUDDALORE**

This project is submitted to St. Joseph's College of Arts and Science (Autonomous)

in partial fulfilment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN MATHEMATICS**

By

**S. KIRUTHIKA**

**(A21MMT21)**

Under the Guidance of

**Dr. S. ANJALMOSE, M.Sc., M.Phil., M.Ed., M.Phil., Ph.D.,**

Assistant Professor, Head of the Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOUOUS)**  
(Affiliated to Annamalai University)

**CUDDALORE-607 001**

**MAY-2023**



## CERTIFICATE

This is to certify that the project on "A FUZZY MATHEMATICAL APPROACH FOR MEASURING AIR POLLUTION FROM INDUSTRIAL AREA OF CUDDALORE" is a bonafide record of work done by S. KIRUTHIKA (A21MMT21), under my supervision and submitted to St. Joseph's College of Arts & Science, Cuddalore-607 001, affiliated to Annamalai University, Annamalai Nagar, Chidambaram, in partial fulfilment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



### HEAD OF THE DEPARTMENT

J. JUN AROCKLARAJ, M.Sc., M.Phil., M.A., M.Ed.

Head of the Department,

PG & Research Department of Mathematics,

St. Joseph's College of Arts & Science (Autonomous),

CUDDALORE - 607 001



### PROJECT SUPERVISOR

Dr. S. ANJANMOSE, M.Sc., M.Phil., M.Ed., Ph.D.

Assistant Professor,

PG & Research Department of Mathematics,

St. Joseph's College of Arts & Science (Autonomous),

Manjakuppam, CUDDALORE - 607 001.

Place: Cuddalore

Date: 03.05.2023

### EXAMINERS:

1.



2.



(Dr. S. V. V. BALAJI)

# **A STUDY ON INTERVAL VALUE FUZZY GRAPH AND ITS APPLICATION IN ENERGY INDUSTRY MANAGEMENT**

This project is submitted to St. Joseph's College of Arts and Science (Autonomous)  
in partial fulfilment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN MATHEMATICS**

By  
**LAVANYA.Y**  
**(A21MMT22)**

Under the Guidance of  
**Dr. A. RAJESH, M.Sc., M.Phil., B.Ed., Ph.D.,**  
Assistant Professor of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOUOUS)**  
**(Affiliated to Annamalai University)**

**CUDDALORE - 607 001**

**MAY - 2023**

## CERTIFICATE

This is to certify that the project on "A STUDY ON INTERVAL-VALUED FUZZY GRAPH AND ITS APPLICATION IN ENERGY INDUSTRY MANAGEMENT" is a bonafide record of work done by LAVANYA V (A22MUT23), under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607001, affiliated to Annamalai University, Annamalai Nagar, Chidambaram, in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



Head of the Department

J. JON ARACKIARAJ, M.Sc., M.Phil., B.Ed., PGDCA,  
Head of the Department,  
PG & Research Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607 001

  
Project Supervisor

Dr. A. RAJESH, M.Sc., B.Ed., M.Phil., Ph.D.,  
Assistant Professor of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous),  
Manjakuppam, Cuddalore - 607 001.

Place: Cuddalore

Date: 03.05.2023

EXAMINERS:



1. **Dr. L. HENRY, M.Sc., M.Phil., Ph.D.**  
Asst. Professor of Mathematics  
Periyar Arts College,  
Cuddalore - 607 001

2.



(Dr. S. V. ARAVINDAN)



# **IDENTIFYING THE VALUES OF A SUCCESSFUL TEACHERS USING FRM (FUZZY RELATIONAL MAPPING)**

This project is submitted to St. Joseph's College of Arts and Science (Autonomous)

in partial fulfilment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN MATHEMATICS**

By

**S. MOHANAPRIYA**

**(A21MMT23)**

Under the Guidance of

**Mr. J. AROCKIA ARULDOSS. M.Sc., M.Phil., B.Ed.,**

PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Annamalai University)

**CUDDALORE - 607 001**

**MAY - 2023**

## CERTIFICATE

This is to certify that the project on "IDENTIFYING THE VALUES OF A SUCCESSFUL TEACHERS USING FRM (FUZZY RELATIONAL MAPPING)" is a bonafide record of work done by S. MOHANAPRIYA (A21MMT23), under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore-607 001, affiliated to Annamalai University, Annamalai nagar, Chidhabaram, in partial fulfilment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



HEAD OF THE DEPARTMENT

J. JON AROCKIARAJ, M.Sc., M.Phil., B.Ed., PGDCA,  
Head of the Department,  
PG & Research Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous),  
CUDDALORE - 607 001

Place: Cuddalore

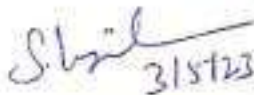
Date: 03.05.2023

EXAMINERS:

1.

  
3/5/23

2.

  
3/5/23

(Dr. S. V. VAYABALA)

  
03/05/23  
PROJECT SUPERVISOR

J. AROCKIA ARULDOSS, M.Sc., M.Phil.,  
Assistant Professor,  
PG & Research Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous),  
Manjakuppam, CUDALORE - 607 001

**DECISION MAKING WITH FUZZY SOFT MATRIX IN  
THE CASE OF FOOD DIAGNOSIS OF DIABETES AND  
BLOOD PRESSURE**

This project is submitted to St. Joseph's College of Arts and Science (Autonomous)  
in partial fulfillment of the requirement for the award of the degree of  
**MASTER OF SCIENCE IN MATHEMATICS**

By  
**PAVITHRA.A**  
(A21MNT24)

Under the Guidance of  
**Mr. T. HENSON, M.Sc., M.Phil., B.Ed., M.Sc.(IT), PGDCA,**  
Assistant Professor, PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(AFFILIATED TO ANNAMALAI UNIVERSITY)  
CUDDALORE-607 001

**MAY - 2023**



## CERTIFICATE

This is to certify that the project on "DECISION MAKING WITH FUZZY SOFT MATRIX IN THE CASE OF FOOD DIAGNOSIS OF DIABETES AND BLOOD PRESSURE" is a bonafide record of work done by PAVITHRA. A (A21MMT24), under my supervision and submitted to St. Joseph's College of Arts & Science, Cuddalore-607001, affiliated to Annamalai University, Annamalai nagar, Chithambaram, in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



HEAD OF THE DEPARTMENT

J. JON AROCKIARAJ, M.Sc., M.Phil., B.Ed., PGDCA,  
Head of the Department,  
PG & Research Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous),  
CUDDALORE - 607 001.




PROJECT SUPERVISOR

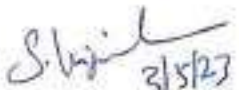
T. HENSON, M.Sc., M.Phil., M.Sc.(IT), B.Ed., PGDCA,  
Assistant Professor, PG and Research Department of Mathematics,  
St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore - 607 001.

Place: Cuddalore

Date: 03/05/2023

EXAMINERS:

1.   
Dr. L. HENRY, M.Sc., M.Phil., Ph.D.  
Asst. Professor of Mathematics  
Periyar Arts College,  
Cuddalore - 607 001

2.   
3/5/23  
(DR. S. VELAYUDHAN)

# **AN ANALYSIS OF VARIETIES OF RICE PRODUCTION IN CUDDALORE DISTRICT USING CETD MODEL IN FUZZY MATRIX**

This project is submitted to St. Joseph's College of Arts and Science (Autonomous)  
in partial fulfilment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN MATHEMATICS**

By

**PAVITHRA.N**

**(A21MMT25)**

Under the Guidance of

**Mr. J. AROCKIA ARULDOSS, M.Sc., M.Phil., B.Ed.,**

Assistant Professor, PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**(Affiliated to Annamalai University)**

**CUDDALORE-607 001**

**MAY -2023**

## CERTIFICATE

This is to certify that the project on "AN ANALYSIS OF VARIETIES OF RICE PRODUCTION IN CUDDALORE DISTRICT USING CETD MODEL IN FUZZY MATRIX" is a bonafide record of work done by PAVITHRA. N (A21MMT25), under my supervision and submitted to St. Joseph's College of Arts & Science(Autonomous), Cuddalore-607 001, affiliated to Annamalai University, Annamalai Nagar, Chidambaram, in partial fulfilment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.

HEAD OF THE DEPARTMENT

J. JON AROCKIARAJ, M.Sc., M.Phil., B.Ed., PGDCA  
Head of the Department,  
PG & Research Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous),  
CUDDALORE - 607 001

PROJECT SUPERVISOR

J. AROCKIA ARULDOSS, M.Sc., M.Phil.,  
Assistant Professor,  
PG & Research Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous),  
Manjakuppam, CUDDALORE - 607 001

Place: Cuddalore

Date: 03/5/2023

EXAMINERS:

1.

2.

(DR. S. V. V. BALAJI)



# **A STUDY ON STRESS OF DIVORCE WOMEN USING TOPSIS METHOD**

This project is submitted to St. Joseph's College of Arts & Science (Autonomous), in partial fulfillment of the requirement for the award of the degree of

## **MASTER OF SCIENCE IN MATHEMATICS**

By

**A. PRINCILLA MARY**

(AC02WMT26)

Under the Guidance of

**Mrs. A. AROCKIAMARY, M.Sc., M.Phil., SET.,**

Assistant Professor, PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated To Annamalai University)

**CUDALORE - 605001**

**MAY - 2023**

## CERTIFICATE

This is to certify that the project on "A STUDY ON STRESS OF DIVORCE WOMEN USING TOPSIS METHOD" is a bonafide record of work done by A. PRINCIYA MARY (A21MMT26), under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore – 607001, affiliated to Annamalai University, Annamalai Nagar, Chidambaram in partial fulfilment for the award of degree of MASTER OF SCIENCE IN MATHEMATICS.



HEAD OF THE DEPARTMENT

J. JON AROCKIARAJ, M.Sc., M.Phil., B.Ed., PGDCA,  
Head of the Department,  
PG & Research Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous),  
CUDDALORE - 607 001



PROJECT SUPERVISOR

A. AROKIA MARY, M.Sc., M.Phil.,  
Assistant Professor,  
PG and Research Department of Mathematics,  
St. Joseph's College of Arts and Science (Autonomous),  
Manjakuppam, CUDDALORE - 607 001


Place: *cuddalore*

Date: *03/05/2023*

EXAMINERS:

1.  *3/5/23*

Dr. L. HENRY, M.Sc., M.Phil., Ph.D  
Asst. Professor of Mathematics  
Periyar Arts College,  
Cuddalore - 607 001

2.  *3/5/23*

(Dr. S. VAYAYABALAN)

# **PROBLEM ANALYSIS IN COCONUT CULTIVATION USING FUZZY MATRIX**

This project is submitted to St. Joseph's College of Arts and Science (Autonomous)

in partial fulfilment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN MATHEMATICS**

By

**PRIYADARSHINI. A**

**(A21MMT27)**

Under the Guidance of

**Mr. T. HENSON, M.Sc., M.Phil., B.Ed., M.Sc. (IT), PGDCA,**

Assistant Professor, PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
(AFFILIATED TO ANNAMALAI UNIVERSITY)**

**CUDDALORE-607 001**

**MAY-2023**



## CERTIFICATE

This is to certify that the project on "PROBLEM ANALYSIS IN COCONUT CULTIVATION USING FUZZY MATRIX" is a bonafide record of work done by PRIVADARSHINI A (A21MMT27), under my supervision and submitted to St. Joseph's College of Arts & Science, Cuddalore-607 001, affiliated to Annamalai University, Annamalai nagar, chithambaram, in partial fulfilment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



HEAD OF THE DEPARTMENT

J. JON AROCKIARAJ, M.Sc. WPA, B.Ed. PGDCA,  
Head of the Department,  
PG & Research Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607 001.




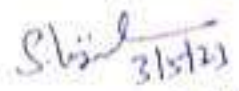
PROJECT SUPERVISOR

T. HENSON, M.Sc., M.Phil., M.Sc.(D), B.Ed., PGDCA,  
Assistant Professor, PG and Research Department of Mathematics,  
St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore - 607 001.

Place: Cuddalore

Date: 03/05/2023

EXAMINERS:

1.   
3/5/23
2.   
3/5/23  
(Dr. S. V. V. BALAJI)

**A STUDY ON APPLICATION OF FUZZY  
DECISION MAKING IN MEDICAL DIAGNOSIS**

The project submitted to St. Joseph's College of Arts and Science (Autonomous), in  
partial fulfillment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN MATHEMATICS**

By

**K. RAJADHARSHINI**

**(A21MMT28)**

Under the Guidance of

**Dr. C. DEVI SHYAMALA MARY, M.Sc., B.Ed., M.Phil., Ph.D.,**

Assistant Professor,

PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(AFFILIATED TO ANNAMALAI UNIVERSITY, ANNAMALAI NAGAR)  
CUDDALORE - 607 001.**

**MAY - 2023**

## CERTIFICATE

This is to certify that the project on "A STUDY ON APPLICATION OF FUZZY DECISION MAKING IN MEDICAL DIAGNOSIS" is a bonafide record of work done by K. RAJADHARSHNI (A21MMT28), under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607 001, Affiliated to Annamalai University, Chidambaram, in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



HEAD OF THE DEPARTMENT

J. JON AROCKIARAJU, M.Sc., M.Phil., Ph.D.  
Head of the Department  
PG and Research Department of Mathematics  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001



PROJECT SUPERVISOR

Dr. C. DEVI SHYAMALA MARY, M.Sc., B.Ed., M.Phil., Ph.D.  
Assistant Professor  
PG and Research Department of Mathematics  
St. Joseph's College of Arts & Science,  
Cuddalore - 607 001.

Place : Cuddalore

Date : 03-05-2023

EXAMINERS:



1. Dr. L. HENRY, M.Sc., M.Phil., Ph.D.  
Asst. Professor of Mathematics  
Periyar Arts College,  
Cuddalore - 607 001

2.



(Dr. S. VUAYA KALAJI)



# SOLUTION AND HYERS-ULAM STABILITY OF CUBIC-QUARTIC FUNCTIONAL EQUATION

This project is submitted to St. Joseph's College of Arts and Science (Autonomous) in  
partial fulfillment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN MATHEMATICS**

By

**S.RAJATHI**

**(A21MMT29)**

Under the Guidance of

**Dr. C. DEVI SHYAMALA MARY, M.Sc., B.Ed., M.Phil., Ph.D.,**

Assistant Professor



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**(Affiliated to Annamalai University)**

**CUDDALORE-607 001.**

**MAY - 2023**

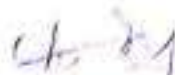
## CERTIFICATE

This is to certify that the project on "SOLUTION AND HYERS-ULAM STABILITY OF CUBIC-QUARTIC FUNCTIONAL EQUATION" is a beautiful record of work done by S. RAJATHI (AZIMMT29), under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore-605 001, affiliated to Annamalai University, Annamalai Nagar, Chidambaram, in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



HEAD OF THE DEPARTMENT

J. JON ARACKIARAJ, M.Sc., M.Phil., B.Ed., PG/D.A.  
Head of the Department  
PG & Research Department of Mathematics  
St. Joseph's College of Arts & Science (Autonomous)  
CUDDALORE - 605 001



PROJECT SUPERVISOR

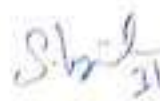
Dr. C. VENKATESH BABU, M.Sc., M.Phil., M.D.S.,  
Assistant Professor,  
PG and Research Department of Mathematics,  
St. Joseph's College of Arts & Science,  
Cuddalore - 605 001.

Place: Cuddalore

Date: 03/05/2023

EXAMINERS:

1.   
3/5/23

2.   
31/5/23  
(DR. S. V. VAYABATANI)

# **A STUDY ON FUZZY GRAPH AND ITS APPLICATION OF ACCIDENTAL PRONE ZONE TO REDUCE THE TRAFFIC CONGESTION**

This project is submitted to St. Joseph's College of Arts and Science (Autonomous)  
in partial fulfilment of the requirement for the award of the degree of  
**MASTER OF SCIENCE IN MATHEMATICS**

By  
**REVANTH KUMAR.K**  
(A21NMT30)

Under the Guidance of  
**Dr. A. RAJESH. M.Sc., M.Phil., B.Ed., Ph.D.,**  
Assistant Professor of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Annamalai University)

**CUDDALORE - 607 001**

**MAY 2023**



## CERTIFICATE

This is to certify that the project on "A STUDY ON FUZZY GRAPH AND ITS APPLICATION IN ACCIDENTAL PRONE ZONE TO REDUCE THE TRAFFIC CONGESTION" is a bonafide record of work done by K.REVANTH KUMAR (A21MMT30), under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore- 607001, affiliated to Annamalai University, Annamalai Nagar, Chidabaram, in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS

*[Signature]*

Head of the Department

J. JEN ARDTHARA, M.Sc., B.Ed., Ph.D.  
Head of the Department  
224 Research Department of Mathematics  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001

*[Signature]*  
Project Supervisor

Dr. A. RAJESH, M.Sc., B.Ed., M.Phil., Ph.D.  
Assistant Professor of Mathematics  
St. Joseph's College of Arts & Science (Autonomous)  
Kanjikuppam, Cuddalore - 607 001.

Place: Cuddalore

Date: 03/05/2023

Examiners:

1. *[Signature]*  
3/5/23  
Dr. L. HENRY, M.Sc., M.Phil., Ph.D.  
Asst. Professor of Mathematics  
Periyar Arts College,  
Cuddalore - 607 001

2. *[Signature]*  
3/5/23  
(Dr. S. V. V. S. V. S. V.)

# **MATHEMATICAL AND GENOMIC APPROACHES IN PERSONALIZED CANCER TREATMENT**

This project is submitted to St. Joseph's College of Arts and Science (Autonomous)

in partial fulfilment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN MATHEMATICS**

By

**SADHANA, M**

**(A21MMT31)**

Under the Guidance of

**Dr. J. JON AROCKIARAJ, M.Sc., M.Phil., B.Ed., PGDCA., PH.D.,**

**Vice-principal & Head of the Department, PG & Research Department of Mathematics**



**PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
(AFFILIATED TO ANNAMALAI UNIVERSITY)**

**CUDDALORE-607 001**

**MAY - 2023**

## CERTIFICATE

This is to certify that the project on "MATHEMATICAL AND GENOMIC APPROACHES IN PERSONALIZED CANCER TREATMENT" is a bonafide record of work done by **SADHANA M. CAZIMMEDY**, under my supervision and submitted to St. Joseph's College of Arts & Sciences, Cuddalore - 607 001, affiliated to Annamalai University, Annamalai nagar, chuthamburam, in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS**.

  
**HEAD OF THE DEPARTMENT**

J. JON AROCKIARAJ, M.Sc. M.Phil. S.Ed. PGDCA  
Head of the Department  
PG & Research Department of Mathematics  
St. Joseph's College of Arts & Science (Autonomous)  
CUDDALORE - 607 001



  
**PROJECT SUPERVISOR**

J. JON AROCKIARAJ, M.Sc. M.Phil. S.Ed. PGDCA  
Head of the Department  
PG & Research Department of Mathematics  
St. Joseph's College of Arts & Science (Autonomous)  
CUDDALORE - 607 001

Place: Cuddalore

Date: 08 - 06 - 2023

**EXAMINERS:**

1.   
3/5/23
2.   
(DR. SUDAYARAJAN)

# **APPLICATION OF MOHAND-MAHGOUB TRANSFORM IN CRYPTOGRAPHY**

This project is submitted to St. Joseph's College of Arts and Science (Autonomous)

in partial fulfillment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN MATHEMATICS**

By

**KG.SARASWATI**

**(A21MMT32)**

Under the Guidance of

**Dr. C. DEVI SHYAMALA MARY, M.Sc., B.Ed., M.Phil., Ph.D.,**

Assistant Professor



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOUOUS)**

**(Affiliated to Annamalai University)**

**CUDDALORE-607 001.**

**MAY - 2023**





**ANALYSIS OF WATER RESERVOIRS AND ITS DEVELOPMENT  
AMONG VARIOUS CATEGORIES BASED ON DECISION MAKING  
(TOPSIS METHOD)**

This project is submitted to St. Joseph's College of Arts & Science (Autonomous), in partial  
fulfilment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN MATHEMATICS**

By

**A. SOWMIYA VAISHNAVI**

**(A21MMT33)**

Under the Guidance of

**Mrs. A. AROKIAMARY, M.Sc., M.Phil., SET,**

Assistant Professor, PG & Research Department of Mathematics.



**PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
(Affiliated to Annamalai University)**

**CUDDALORE – 607 001**

**MAY – 2023**

## CERTIFICATE

This is to certify that the project on "ANALYSIS OF WATER RESERVOIRS AND ITS DEVELOPMENT AMONG VARIOUS CATEGORIES BASED ON DECISION MAKING (TOPSIS METHOD)" is a bonafied record of work done by A. SOWMIYA VAISHNAVI (A21MMT33), Under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore – 607 001, affiliated to Annamalai University, Annamalai Nagar, Chidambaram in partial fulfilment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



HEAD OF THE DEPARTMENT,  
J. JON AROCKIARAJ, M.Sc., M.Phil., B.Ed., P.T.D.  
Head of the Department,  
PG & Research Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607 001.

Date: 03.05.2023.

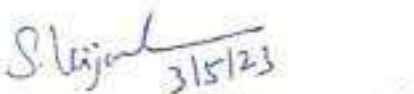


PROJECT SUPERVISOR  
A. AROKIA MARY, M.Sc., M.Phil.

Assistant Professor,  
PG and Research Department of Mathematics,  
St. Joseph's College of Arts and Science (Autonomous),  
Manjakuppam, CUDDALORE - 607 001.

### EXAMINERS:

1.  31/5/23

2.  31/5/23  
(DR. S. VIJAYABALAN)

# **AN ANALYSIS ON DIFFERENT TYPES OF CROPS BY USING FUZZY MATRIX**

This project is submitted to St. Joseph's College of Arts and Science (Autonomous)  
in partial fulfilment of the requirement for the award of the degree of  
**MASTER OF SCIENCE IN MATHEMATICS**

By  
**R. SRIRAM**  
(A21MMT34)

Under the Guidance of  
**Dr. S. ANJAL MOSE, M.Sc., M.Phil., M.Ed., Ph.D.,**  
Assistant Professor



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Annamalai University)

**CUDDALORE-607 001**

**MAY - 2023**



## CERTIFICATE

This is to certify that the project on "AN ANALYSIS ON DIFFERENT TYPES OF CROPS BY USING FUZZY MATRIX" is a bonafide record of work done by R. SRIRAM (A21MMT34), under my supervision and submitted to St. Joseph's College of Arts & Science, Cuddalore-607 001, affiliated to Annamalai University, Annamalai nagar, chidambaram, in partial fulfilment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



### HEAD OF THE DEPARTMENT

J. JON AROCKIARAJ, M.Sc., M.Phil., B.Ed., PGCCA  
Head of the Department,  
PG & Research Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous),  
CUDDALORE - 607 001



### PROJECT SUPERVISOR

Dr. S. ANANTHASE, M.Sc., M.Phil., MEd., Ph.D.,  
Assistant Professor,  
PG & Research Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous),  
Manjakuppam, CUDDALORE - 607 001

Place: Cuddalore

Date: 03/05/2023

### EXAMINERS:



1. Dr. L. HENRY, M.Sc., M.Phil., Ph.D.  
Asst. Professor of Mathematics  
Periyar Arts College,  
Cuddalore - 607 001

2.



(Dr. S. VAYABALA)

# **AN IMPLEMENTATION OF BACKPROPAGATION AND MIXED INTEGER LINEAR PROGRAMMING IN SMART CITIES APPLICATIONS USING PYTHON**

This project is submitted to St. Joseph's College of Arts and Science (Autonomous)

in partial fulfilment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN MATHEMATICS**

By

**S. SUJITHA**

**(A21MBIT35)**

Under the Guidance of

**Dr. J. JON AROCKIARAJ, M.Sc., M.Phil., B.Ed., PGDCA., Ph.D.,**

**Vice – Principal & Head of the Department of Mathematics**



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
**(Affiliated to Annamalai University)**

**CUDDALORE-607 001**

**MAY - 2023**

## CERTIFICATE

This is to certify that the project on "AN IMPLEMENTATION OF BACKPROPAGATION AND MIXED INTEGER LINEAR PROGRAMMING IN SMART CITIES APPLICATIONS USING PYTHON" is a bonafide record of work done by S. SUJITHA (A21MMT35), under my supervision and submitted to St. Joseph's College of Arts & Science, Cuddalore-607 001, affiliated to Annamalai University, Annamalai nagar, Chidambaram, in partial fulfilment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



HEAD OF THE DEPARTMENT

J. JON AROCKIARAJ, M.Sc. M.Phil. B.Ed. PGDCA  
Head of the Department,  
PG & Research Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous),  
CUDDALORE - 607 001



PROJECT SUPERVISOR

J. JON AROCKIARAJ, M.Sc. M.Phil. B.Ed. PGDCA  
Head of the Department,  
PG & Research Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous),  
CUDDALORE - 607 001

Place: Cuddalore


Date: 03-05-2023

EXAMINERS:

1.



2.

  
31/5/23  
(D.S. VIJAYABALAJI)

# **ANALYSIS ON VARIOUS TREES IN CUDDALORE DISTRICT USING FUZZY MATRIX**

This project is submitted to St. Joseph's College of Arts & Science  
(Autonomous), in partial fulfillment of the requirement for the degree of

**MASTER OF SCIENCE IN MATHEMATICS**

By

**A. SURESH**  
**(A21MMT36)**

Under the Guidance of

**Dr. S. Anjal Mose, M.Sc., M.Ed., M.Phil., Ph.D.,**  
Assistant professor



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Annamalai University)

Cuddalore- 607 001.

**MAY - 2023**



## CERTIFICATE

This is to certify that the project on "ANALYSIS ON VARIOUS TREES IN CUDDALORE DISTRICT USING FUZZY MATRIX" is a bonafide record of work done by SURESH. A (A21MMT36), under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607 001, affiliated to Annamalai University, Annamalai nagar, chidambaram, in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



HEAD OF THE DEPARTMENT

J. JON BROCKIARAJ, M.Sc., M.Phil., B.Ed., PGCCA  
Head of the Department,  
PG & Research Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous),  
CUDDALORE - 607 001



PROJECT SUPERVISOR

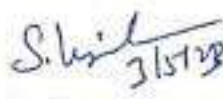
Dr. S. ANJILMOOSE, M.Sc., M.Phil., M.Ed., Ph.D.  
Assistant Professor,  
PG & Research Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous),  
Manjakuppam, CUDDALORE - 607 001.

Place: Cuddalore

Date: 03/05/2023

EXAMINERS:

1.   
Dr. L. HENRY, M.Sc., M.Phil., Ph.D.  
Asst. Professor of Mathematics  
Periyar Arts College,  
Cuddalore - 607 001

2.   
(Dr. S. VUAYABALAN)

# **SOLVING A TRANSPORTATION PROBLEM USING TRIANGULAR INTUITIONISTIC FUZZY NUMBERS**

This project is submitted to St. Joseph's College of Arts and Science (Autonomous)  
in partial fulfillment of the requirement for the award of the degree of  
**MASTER OF SCIENCE IN MATHEMATICS**

By  
**D. TAMILARASAN**  
(A21MMT37)

Under the Guidance of  
**Dr. S. JOHNSON SAVARIMUTHU, M.Sc., M.Phil., B.Ed., Ph.D.,**  
Assistant Professor



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Annamalai University)

**CUDDALORE-607 001**

**MAY - 2023**

This is to certify that the project on "SOLVING A TRANSPORTATION PROBLEM USING TRIANGULAR INTUITIONISTIC FUZZY NUMBERS" is a bonafide record of work done by D. TAMILARASAN (A21MMT37), under my supervision and submitted to St. Joseph's College of Arts & Science, Cuddalore-607 001, affiliated to Annamalai University, Annamalai nagar, chidambaram, in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.

J. JON AROCKIARAJ, M.Sc. M.Phil. BEd. PGDCA  
Head of the Department,  
PG & Research Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous)  
CUNNINGHAM, 197 001

**Dr.S.JOHNSON SAVARIMUTHU** M.Sc.,PH.D.,P.D.  
Assistant Professor  
PG & Research Department of Mathematics  
St.Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 605 001.

Date: 03/05/2023

1.  $\frac{3}{5} \times \frac{2}{3}$

2. S. Vajr  
35123  
(Dr. S. V. Vajr)

**ANALYSING THE ACHIEVEMENT OF ASPIRANTS IN  
EDUCATIONAL ELIGIBILITY ASSESSMENT BY USING  
TOPSIS METHOD**

This project is submitted to St. Joseph's College of Arts & Science (Autonomous), in partial  
fulfilment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN MATHEMATICS**

By

**D. VICHITHRA**

**(A21MMU38)**

Under the Guidance of

**Mrs. A. AROKIAMARY, M.Sc., M.Phil., SET.,**

Assistant Professor, PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University)

**CUDDALORE - 607 001,**

**MAY - 2023**

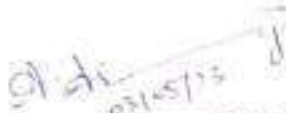


## CERTIFICATE

This is to certify that the project on "ANALYSING THE ACHIEVEMENT OF ASPIRANTS IN EDUCATIONAL ELIGIBILITY ASSESSMENT BY USING TOPSIS METHOD" is a bonafide record of work done by D. VICHITHRA (A21MMT38), under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 607001, affiliated to Annamalai University, Annamalai Nagar, Chidambaram, in partial fulfilment for the award of degree the of MASTER OF SCIENCE IN MATHEMATICS.

  
HEAD OF THE DEPARTMENT

J. JON AROCKIARAJ, M.Sc., M.Phil., B.Ed., PGDCA,  
Head of the Department,  
PG & Research Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous),  
CUDDALORE - 607 001


  
PROJECT SUPERVISOR

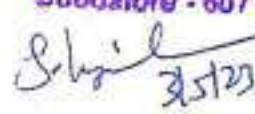
A. AROKIA MARY, M.Sc., M.Phil.,  
Assistant Professor,  
PG and Research Department of Mathematics,  
St. Joseph's College of Arts and Science (Autonomous),  
Manjakuppam, CUDDALORE - 607 001

Place: Cuddalore

Date: 03.05.2023

EXAMINERS:

-   
1. Dr. L. HENRY, M.Sc., M.Phil., Ph.D.,  
Asst. Professor of Mathematics,  
Periyar Arts College,  
Cuddalore - 607 001

2.   
(Dr. S. V. VAYABALA)

# **A DECISION-MAKING APPROACH USING INTUITIONISTIC FUZZY SOFT MATRICES IN INDUSTRIES**

This project is submitted to St. Joseph's College of Arts and Science (Autonomous)  
in partial fulfilment of the requirement for the award of the degree of  
**MASTER OF SCIENCE IN MATHEMATICS**

By

**G. VIGNESH  
(A21IMMT39)**

Under the Guidance of

**Dr. S. Johnson Savarimuthu, M.Sc., M.Phil., B.Ed., Ph.D.,  
Assistant Professor**



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
(Affiliated to Annamalai University)**

**CUDDALORE-607 001**

**MAY - 2023**

## CERTIFICATE

This is to certify that the project on "A DECISION-MAKING APPROACH USING INTUITIONISTIC FUZZY SOFT MATRICES IN INDUSTRIES" is a bonafide record of work done by G. VIGNESH (A21MMT39), under my supervision and submitted to St. Joseph's College of Arts & Science, Cuddalore-607 001, affiliated to Annamalai University, Annamalai nagar, chidhabaram, in partial fulfilment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.

### HEAD OF THE DEPARTMENT

J. JON AROCKIARAJ, M.Sc., M.Phil., B.Ed., PGDCA,

Head of the Department,

PG & Research Department of Mathematics,

St. Joseph's College of Arts & Science (Autonomous),  
CUDDALORE - 607 001.

Place: Cuddalore

Date: 03-05-2023

### PROJECT SUPERVISOR

Dr. S. JOHNSON SAVARINUTHU, M.Sc., M.Phil., B.Ed., Ph.D.,

Assistant Professor

PG & Research Department of Mathematics,

St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607 001.

### EXAMINERS:

1.

2.

(Dr. S. VIJAYA BALAJI)

# **A STUDY ON EXAMINATION RESULTS OF STUDENTS USING FUZZY SOFT MATRIX**

This project is submitted to St. Joseph's College of Arts and Science (Autonomous)

in partial fulfillment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN MATHEMATICS**

By

**S.YOGANANTHAM**

**(A21MMT40)**

Under the Guidance of

**Mr. J. AROCKIA ARULDOSS, M.Sc., M.Phil., B.Ed.,**

Assistant Professor



**PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
(AFFILIATED TO ANNAMALAI UNIVERSITY)**

**CUDDALORE-607 001**

**MAY-2023**



## CERTIFICATE

This is to certify that the project "A STUDY ON EXAMINATION RESULTS OF STUDENTS USING FUZZY SOFT MATRIX" is a bonafide record of work done by **S. YOGANANTHAM (A21MMT40)**, under my supervision and submitted to **St. Joseph's College of Arts & Science(Autonomous), Cuddalore-607 001**, affiliated to **Annamalai University, Annamalai nagar, Chidambaram**, in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS**.



**HEAD OF THE DEPARTMENT**

**J. JON AROCKIARAJ, M.Sc., M.Phil., B.Ed., PGDCA,**  
Head of the Department,  
PG & Research Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous),  
CUDDALORE - 607 001


Place: Cuddalore

Date: 03/05/2023

**EXAMINERS:**



1. **Dr. L. HENRY, M.Sc., M.Phil., Ph.D.**  
**Asst. Professor of Mathematics**  
**Periyar Arts College,**  
**Cuddalore - 607 001**

2.   
(**DR. S. V. AYALALAI**)



**PROJECT SUPERVISOR**

**J. AROCKIA ARUL DOSS, M.Sc., M.Phil.,**  
Assistant Professor,  
PG & Research Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous),  
Manjakuppam, CUDDALORE - 607 001

# DOMINATION POLYNOMIAL ON STAR GRAPH $K_{1,n}$ AND BIPARTITE GRAPH

This project is submitted to St. Joseph's College of Arts and Science (Autonomous)

in partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN MATHEMATICS

By

JAYALAKSHMI V

(A21MMT41)

Under the Guidance of

Dr. L. JETHRUTH EMELDA MARY, M.Sc., M.Phil., B.Ed., Ph.D.,

Assistant Professor.



PG & RESEARCH DEPARTMENT OF MATHEMATICS

ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)

(AFFILIATED TO ANNAMALAI UNIVERSITY)

CUDDALORE-607 001

MAY-2023

## CERTIFICATE

This is to certify that the project on "DOMINATION POLYNOMIAL ON STAR GRAPH  $K_{1,n}$  AND BIPARTITE GRAPH" is a bonafide record of work done by JAYALAKSHMI V (A21MNT413) under my supervision and submitted to St. Joseph's College of Arts & Science, Cuddalore-607 001, affiliated to Annamalai University, Annamalai Nagar, Chidambaram, in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.

  
HEAD OF THE DEPARTMENT



A. JON AROCKIARAJ, M.Sc., M.Phil., Ph.D.  
Head of the Department  
PG & Research Department of Mathematics  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001

Date: 03.06.2023

  
PROJECT SUPERVISOR

Dr. L. JETHRUTH EMELDA MARY,  
M.Sc., M.Phil., B.Ed., Ph.D.,  
Assistant Professor in Mathematics  
St. Joseph's College of Arts and Science  
Cuddalore - 607 001.

EXAMINERS:

1.   
3/5/23
2.   
3/5/23  
(Dr. S. VUAYAGALATHI)

# **A STUDY ON THREE WAY PROFITABLE AGRICULTURAL OPERATION IN ONE YEAR**

This project submitted to St. Joseph's College of Arts & Science (Autonomous),

In partial fulfillment of the requirement

For the award of the degree of

**BACHELOR OF SCIENCE IN MATHEMATICS**

By

**S.ABITH**

**(A20MTD01)**

Under the Guidance of

**Dr.J. JON AROCKIARAJ, M.Sc., MPhil, B.Ed., PGDCA.,Ph.D.,**

Vice-Principal and Head of Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)  
CUDDALORE - 607 001  
NOVEMBER-2022**



### CERTIFICATE

This is to certify that the project on "A STUDY ON THREE WAY PROFITABLE AGRICULTURAL OPERATION IN ONE YEAR " is a bonafide record of work done by S. ABITH (A20MTD01), under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore- 607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of **BACHELOR OF SCIENCE IN MATHEMATICS.**

  
Head of the Department

  
Project Supervisor

Place: Cuddalore

Date: 12/12/2022

Examiners

1. 

2. 

# **TO ANALYSE THE MAXIMUM NUMBER OF EYE DONATION IN TAMIL NADU USING SAW METHOD**

This project is submitted to St. Joseph's College of Arts and Science (Autonomous)

in partial fulfilment of the requirement

for the award of the degree of

**BACHELOR OF SCIENCE IN MATHEMATICS**

By

**A. ARUN**

**(A20MTD03)**

Under the Guidance of

**Dr. S. JOHNSON SAVARIMUTHU, M.Sc., M.Phil., B.Ed., Ph.D.,**

Assistant Professor, PG & Research Department of Mathematics.



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Thiruvalluvar University)

**CUDDALORE-607 001**

## CERTIFICATE

This is to certify that the project on "To Analyse the Maximum Number of Eye Donation in Tamil Nadu using SAW Method" is a bonafide record of work done by A. ARUN (A20MTD03), under my supervision and submitted to St. Joseph's College of Arts & Science, Cuddalore-607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfilment for the award of the degree of **BACHELOR OF SCIENCE IN MATHEMATICS**.



HEAD OF THE DEPARTMENT



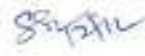
PROJECT GUIDE

Dr.S.JOHNSON SAVARIMUTHU M.Sc., M.Phil., B.Ed., Ph.D.  
Assistant Professor  
PG & Research Department of Mathematics  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Place: Cuddalore

Date: 12.12.2022

EXAMINERS:

1. 

2. 

# **A STUDY ON APPLICATION OF GRAPH THEORY IN INDUSTRIAL VISIT FOR COLLEGE STUDENTS**

This project submitted to St. Joseph's College of Arts & Science (Autonomous), in partial  
fulfillment of the requirement for the award of the degree of  
Bachelor of Science in Mathematics

By

**V. AVINESH RAJ**  
**(A20MTD05)**

Under the Guidance of  
**Mr. J. AROCKIA ARULDOSS, M.Sc., M. Phil., B.Ed.,**  
Assistant Professor of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE – 607 001**  
**November – 2022**



## CERTIFICATE

This is to certify that the project on "A STUDY ON APPLICATION OF GRAPH THEORY IN INDUSTRIAL VISIT FOR COLLEGE STUDENTS" is a bonafiderecord of work done by V.AVINESH RAJ (A20MTD05), under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE in MATHEMATICS



Head of the Department

  
Project guide

Place: CUDDALORE

Date: 12.12.22

J. AROCKIA ARULDOSS, M.Sc., M.Phil.,  
Assistant Professor,  
PG & Research Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous),  
Manjakuppam, CUDDALORE - 607 001.

Examiners:

1. 
2. 

# **A STUDY ON TB PATIENTS USING INTERVAL - VALUED FUZZY SOFT MATRIX**

This project submitted to St. Joseph's College of Arts & Science  
(autonomous), in partial fulfillment of the requirement for the award of  
the degree of Bachelor of Science in Mathematics

By

**S. IYYAPPAN**  
**(A20MTD06)**

Under the Guidance of

**Dr. A. VENKATESAN M.Sc., M.Phil., B.Ed., SET., Ph.D.,**  
Assistant Professor of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST., JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**CUDDALORE - 607 001**  
**NOVEMBER – 2022**

## CERTIFICATE

This is to certify that the project on " **A STUDY ON TB PATIENTS USING INTERVAL - VALUED FUZZY SOFT MATRIX**" is a bonafiderecord of work done by S.IYYAPPAN (A20MTD06), under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore-607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of **BACHELOR OF SCIENCE in MATHEMATICS**

Head of the Department

Project Guide

Dr. A. Venkatesan

Place: Cuddalore

Date: 12-12-2022

Examiners :

1.

2.

**A STUDY ON STRESS OF UNEMPLOYED GRADUATES  
DURING COVID PANDEMIC USING INTERVAL VALUED  
FUZZY SOFT MATRIX**

This project submitted to St. Joseph's College of Arts & Science (Autonomous).  
in partial fulfillment of the requirement for the award of the degree of  
Bachelor of Science in Mathematics

By

**S.JANAPRASANTH**

**(A20MTD07)**

Under the Guidance of

**Dr. A. RAJESH, M.Sc., M.Phil., B.Ed., Ph.D.,**

Assistant Professor of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**CUDDALORE - 607 001**

**NOVEMBER - 2022**



## CERTIFICATE

This is to certify that the project on "A STUDY ON STRESS OF UNEMPLOYED GRADUATES DURING COVID PANDEMIC USING INTERVAL VALUED FUZZY SOFT MATRIX " is a bonafide record of work done by S.JANAPRASANTH (A20MTD07), under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore- 607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of **BACHELOR OF SCIENCE IN MATHEMATICS**

HEAD OF THE DEPARTMENT

PROJECT GUIDE

Dr. A. RAJESH, M.Sc., B.Ed., M.Phil., Ph.D.,  
Assistant Professor of Mathematics  
St. Joseph's College of Arts & Science (Autonomous)  
Manjakuppam, Cuddalore - 607 001.

Place: Cuddalore

Date: 12/12/2022

Examiners:

- 1.
- 2.

**SELECTION OF SMART TELEVISION WITH MULTI CRITERIA  
USING SIMPLE ADDITIVE WEIGHTING**

This project submitted to St. Joseph's College of Arts & Science (Autonomous), in partial  
fulfillment of the requirement for the award of the degree of

**BACHELOR OF SCIENCE IN MATHEMATICS**

By

**K. KAVIYA ARASU**

**(A20MTD08)**

Under the Guidance of

**Dr. S. ANJAL MOSE, M.Sc., M.Phil., M.Ed., M.Phil., Ph.D.,**

Assistant Professor, PG & Research Department of Mathematics.



**PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**CUDDALORE – 607 001**

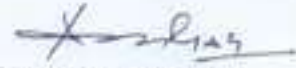
**NOVEMBER – 2022**

## CERTIFICATE

This is to certify that the project on "SELECTION OF SMART TELEVISION WITH MULTI CRITERIA USING SIMPLE ADDITIVE WEIGHTING" is a bonafide record of work done by KAVIYA ARASU. K (A20MTD08) under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607 001, affiliated to Thiruvalluvar University, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE in MATHEMATICS.



HEAD OF THE DEPARTMENT



PROJECT GUIDE

Place: Cuddalore

Date: 12.12.2022

EXAMINERS:

1.   
12/12

2. 

# **A STUDY ON THE LEVEL OF AIR POLLUTION USING TOPSIS METHOD**

This project submitted to:  
St. Joseph's College of Arts & Science (Autonomous), In partial  
fulfilment of the requirement for the award of the degree of  
**Bachelor of Science In Mathematics**

By  
**A. LUCAS**  
(A20MTD10)

Under the Guidance of  
**Dr.J. JON AROCKIARAJ, M.Sc., M.Phil., B.Ed., PGDCA., Ph.D.,**  
Vice-Principal and Head of Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE – 607 001**  
**NOVEMBER-2022**



## CERTIFICATE

This is to certify that the project on "**A STUDY ON THE LEVEL OF AIR POLLUTION USING TOPSIS METHOD**" is a bonafide record of work done by **A.LUCAS (A20MTD10)**, under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore- 607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of **BACHELOR OF SCIENCE IN MATHEMATICS**.

  
Head of the Department

  
Project Supervisor

Place: Cuddalore

Date: 12.12.2022

Examiners:

1.



2.



# **RAIN WATER HARVESTING USING FUZZY SOFT MATRIX**

This Project Is Submitted to St. Joseph's College of Arts & Science  
(Autonomous), partial fulfilment of the requirement for the award of the  
degree of

Bachelor of Science in Mathematics

By

**V. RAJKUMAR**  
**(A20MTD11)**

Under the Guidance of

**Mr. T. HENSON M.SC, M.PHIL, B.ED., MSC.(IT), PGDCA,**  
Assistant Professor of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE-607001**  
**NOVEMBER-2022**

## CERTIFICATE

This is to certify that the project on "**RAIN WATER HARVESTING USING FUZZY SOFT MATRIX**" is a bonafide record of work done by **V. RAJ KUMAR (A20MTD11)**, under my supervision and submitted to **ST. Joseph's College of Arts & Science (Autonomous)**, cuddalore-607001, affiliated to **Thiruvalluvar University, Vellore**, in partial fulfilment for the award of the degree of **BACHELOR OF SCIENCE in MATHEMATICS**.



Head of the Department



Project Guide

**T. WENSON**, M.Sc., M.Phil., M.Sc(IT), B.Ed., PGDCA,  
Assistant Professor, PG and Research Department of Mathematics  
St. Joseph's College of Arts and Science (Autonomous)  
Cuddalore - 607 001

Place : CUDDALORE

Date : 12/12/2022

Examiners :

1. 

2. 

**V. RAJ KUMAR,**

**(A20MTD11),**

**St. Joseph's College of Arts & Science(Autonomous),**

**Cuddalore-607001.**

**SELECTING THE BEST MAINTENANCE STRATEGY FOR MATERIAL  
HANDLING USING THE FUZZY SAW METHOD  
(FSAW)**

**This project submitted to St. Joseph's College of Arts & Science (Autonomous), in partial  
fulfillment of the requirement for the degree of Bachelor of science in Mathematics**

**By**

**S.SAKTHIMAINDHAN  
(A20MTD12)**

**Under the Guidance of**

**Dr. JOHNSON SAVARIMUTHU M.Sc., M.Phil., B.Ed., Ph.D.,  
Assistant Professor PG & Research Department of Mathematics**



**PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)  
CUDDALORE – 607 001  
NOVEMBER–2022**



## CERTIFICATE

This is to certify that the project on "SELECTING THE BEST MAINTANCE STRATEGY FOR MATERIAL HANDLING USING FUZZY SAW MEHTOD" is a bonafide record of work done by S.SAKTHIMAINDHAN (A20MTD12), under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore- 607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCEIN MATHEMATICS.

HEAD OF THE DEPARTMENT

PROJECT GUIDE

Dr.S.JOHNSON SAVARIMUTHU M.Sc., M.Phil., B.Ed., Ph.D.,  
Assistant Professor  
PG & Research Department of Mathematics  
St.Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Place: CUDDALORE

Date: 12/12/2022

Examiners:

1.

2.

# **TO STUDY THE CONSTRUCTION OF MATLAB LOGO USING 2D AND 3D PLOTS.**

This project submitted to **St. Joseph's College of Arts & Science (Autonomous)**,  
in partial fulfillment of the requirement for the award of the degree of  
Bachelor of Science in Mathematics

By

**S.R. SANDEEP KUMAR**  
(A20MTD13)

Under the Guidance of

**Mr.J.AROCKIA ARULDOSS, M.Sc., M.Phil., B.Ed.,**  
Assistant Professor of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE – 607 001**

**November – 2022**

## CERTIFICATE

This is to certify that the project on "TO STUDY THE CONSTRUCTION OF MATLAB LOGO USING 2D AND 3D PLOTS" is a bonafide record of work done by **S.R. SANDEEP KUMAR (A20MTD13)**, under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore – 607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of **BACHELOR OF SCIENCE in MATHEMATICS**



Head of the Department

  
Project guide

Place: Cuddalore

Date: 12/12/2022

Examiners:

1. 
2. 

**A SURVEY ON WHY THE CUDDALORE DISTRICT IS  
BACKWARD IN EDUCATION USING INTUITIONISTIC FUZZY  
SOFT MATRIX**

This project is submitted to

St. Joseph's College of Arts & Science (Autonomous), in partial  
fulfillment of the requirement for the award of the Degree of  
Bachelor of Science in Mathematics

By

**D.SANJEEVAN**

**A20MTD14**

Under the Guidance of

**Dr.A.VENKATESAN M.Sc., M.Phil., B.Ed., SET., Ph.D.,**

Assistant Professor



PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
(Affiliated to Thiruvalluvar University)

Cuddalore - 607001

November - 2022



## CERTIFICATE

This is certify that the project on "A SURVEY ON WHY THE CUDDALORE DISTRICT IS BACKWARD IN EDUCATION USING INTUITIONISTIC FUZZY SOFT MATRIX" is a bonafide record of work done by D.SANJEEVAN (A20MTD14), under my supervision and submitted to St.Joseph's College of Arts and Science (Autonomous), Cuddalore - 607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of **Bachelor of Science in Mathematics**.

Head of the Department

Project Supervisor

Dr. A. Venkatesan

Place: CUDDALORE

Date: 12.12.2022

Examiners :

1.

2.

# **A STUDY ON SCHOOL DROPOUT STUDENTS USING INTERVAL-VALUED FUZZY SOFT MATRIX**

**This project submitted to St. Joseph's College of Arts & Science (Autonomous), in  
partial fulfillment of the requirement for the award of the degree of  
Bachelor of Science in Mathematics.**

**By**

**S. SATHIYANARAYANAN  
(A20MTD15)**

**Under the Guidance of**

**Dr.A. Rajesh, M.Sc., M.Phil., B.Ed., Ph.D.,  
Assistant Professor of Mathematics**



**PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)  
CUDDALORE – 607 001  
November – 2022**

## CERTIFICATE

This is to certify that the project on "A STUDY ON SCHOOL DROPOUT STUDENTS USING INTERVAL-VALUED FUZZY SOFT MATRIX" is a bonafiderecord of work done by S.Sathiyarayanan (A20MTD15), under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of **BACHELOR OF SCIENCE in MATHEMATICS**



**Head of the Department**



**Project guide**

**Dr. A. RAJESH, M.Sc., B.Ed., M.Phil., Ph.D.,**  
Assistant Professor of Mathematics  
St. Joseph's College of Arts & Science (Autonomous)  
Manjakuppam, Cuddalore - 607 001.

Place : Cuddalore

Date : 12/12/2022

Examiners:

1. 

2. 

# **ADMISSION OF STUDENTS DURING AND AFTER PANDEMIC USING SLOPES**

This project submitted to St. Joseph's College of Arts & Science (Autonomous), in  
partial fulfillment of the requirement for the award of the degree of  
Bachelor of Science in Mathematics.

By

**M.SRIGANTH**  
(A20MTD16)

Under the Guidance of

**Dr S.ANJAL MOSE, M.Sc., MPhil., M.Ed.,ph.D.,**  
Assistant Professor of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE – 607 001**  
**November – 2022**



## CERTIFICATE

This is to certify that the project on "*ADMISSION OF STUDENTS DURING AND AFTER PANDEMIC USING SLOPES*" is a bonafide record of work done by **M.SRIGANTHI** (A20MTD16), under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore- 607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of **BACHELOR OF SCIENCE IN MATHEMATICS**.

Head of the Department

Project Guide

Place: CUDDALORE

Date: 12-12-2022

Examiners:

1.

2.

# **MOBILE PHONE ADDICTION BY USING STATISTICAL ANALYSIS**

This project is submitted to  
St. Joseph's College of Arts & Science (Autonomous), In partial  
fulfillment of the requirement for the award of the degree of  
**BACHELOR OF SCIENCE IN MATHEMATICS**

By  
**D.SUNDAR**  
**(A20MTD17)**

Under the Guidance of  
**Dr.J. JON AROCKIARAJ, M.Sc., M.Phil., B.Ed., PGDCA., Ph.D.,**  
Vice-Principal and Head of Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE – 607 001**  
**NOVEMBER-2022**

### CERTIFICATE

This is to certify that the project on "MOBILE PHONE ADDICTION BY USING STATISTICAL ANALYSIS" is a bonafide record of work done by D.SUNDAR (A20MTD17), under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore- 607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE IN MATHEMATICS.

  
Head of the Department

  
Project Supervisor

Place: CUDDALORE

Date: 12/12/2022

Examiners:

1. 

2. 

# **MONITORING OF INDUSTRIAL AIR POLLUTANTS USING FUZZY LOGIC**

This project submitted to St. Joseph's College of Arts & Science  
(Autonomous), in partial fulfillment of the requirement for the award of  
the degree of  
Bachelor of Science in Mathematics

By

**S. VENGADESAN**

**(A20MTD18)**

Under the Guidance of

**Mr.T. HENSON M.SC,M.PHIL,B.ED.,MSC.(IT),PGDCA,**  
Assistant Professor of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)  
CUDDALORE – 607 001  
NOVEMBER – 2022**



## CERTIFICATE

This is to certify that the project on "MONITORING OF INDUSTRIAL AIR POLLUTANTS USING FUZZY LOGIC" is a bonafide record of work done by **VENGADESAN. S (A20MTD18)** under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607 001, affiliated to Thiruvalluvar University, in partial fulfillment for the award of the degree of **BACHELOR OF SCIENCE** in **MATHEMATICS**.



HEAD OF THE DEPARTMENT



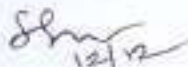
PROJECT GUIDE

**T. HENSON**, M.Sc., M.Phil., M.Sc.(IT), B.Ed., PGDCA,  
Assistant Professor, PG and Research Department of Mathematics  
St. Joseph's College of Arts and Science (Autonomous)  
Cuddalore - 607 001.

Place: Cuddalore

Date: 12.12.2022

EXAMINERS:

1.   
12/12

2. 

**"TO ANALYZING BEST LAPTOP IN COMMUNITY USING  
SIMPLE ADDITIVE METHOD"**

This project is submitted to St. Joseph's College of Arts and Science (Autonomous)

in partial fulfillment of the requirement

For the award of the degree of

**BACHELOR OF SCIENCE IN MATHEMATICS**

By

**T.VISHNUPRASATH**

**(A20MTD19)**

Under the Guidance of

**Dr. S. JOHNSONSAVARIMUTHU, M.Sc., M.Phil., B.Ed., Ph.D.,**

Assistant Professor, PG & Research Department of Mathematics.



**PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Thiruvalluvar University)

**CUDDALORE-607001**

## CERTIFICATE

This is to certify that the project on "To Analyzing Best Laptop In Community using SIMPLE ADDITIVE METHOD" is a bonafide record of work done by T.VISHNUPRASATH (A20MTD19), under my supervision and submitted to St. Joseph's College of Arts & Science, Cuddalore-607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfilment for the award of the degree of BACHELOR OF SCIENCE IN MATHEMATICS.

HEAD OF THE DEPARTMENT

12/12/22  
PROJECT GUIDE

Dr.S.JOHNSON SAVARIMUTHU M.Sc., M.Phil., B.Ed., Ph.D.  
Assistant Professor  
PG & Research Department of Mathematics  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Place: Cuddalore

Date: 12/12/22

EXAMINERS:

1.

2.

# **A STUDY ON FUZZY SOFT MATRIX AND ITS APPLICATIONS IN VIOLENCE AGAINST WOMEN**

This project submitted to St. Joseph's College of Arts & Science (Autonomous), in  
partial fulfillment of the requirement for the award of the degree of  
Bachelor of Science in Mathematics

By

**C. SAGASAN**  
(A20MTD20)

Under the Guidance of  
**Mr.J.AROCKIA ARULDOSS, M.Sc., M.Phil., B.Ed.,**  
Assistant Professor of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**CUDDALORE – 607 001**


**November – 2022**



## CERTIFICATE

This is to certify that the project on "VIOLENCE AGAINST WOMEN USING FUZZY SOFT MATRIX" is a bonafide record of work done by C.SAGASAN (A20MTD20), under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore-607001.

Affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE in MATHEMATICS

  
Head of the Department

Guide

  
project  
J. AROCKIA ARUL DOSS, M.Sc., M.Phil.,  
Assistant Professor,  
PG & Research Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous),  
Manjakuppam, CUDDALORE - 607 001.

Place: Cuddalore

Date: 12-12-2022

Examiners:

1. 

2. 

C. SAGASAN,

(A20MTD20)

St. Joseph's College of Arts and Science (Autonomous),

Cuddalore - 607 001.

# **A STUDY ON DRUG ADDICTION EFFECT IN MEDICAL DIAGNOSIS BY USING FUZZY SOFT MATRICES**

This project submitted to  
St. Joseph's College of Arts & Science (Autonomous), in partial  
fulfillment of the requirement for the award of the degree of  
**BACHELOR OF SCIENCE IN MATHEMATICS**

By  
**N.P. AJAY KUMAR**  
**(A20MTD21)**

Under the Guidance of  
**Dr. A. VENKATESAN, M.Sc., M.Phil., B.Ed., SET., Ph.D.,**  
Assistant Professor



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University)

**CUDDALORE – 607 001**

**December 2022**

## CERTIFICATE

This is to certify that the project on "A STUDY ON DRUG ADDICTION EFFECT MEDICAL DIAGNOSIS BY USING FUZZY SOFT MATRICES" is a bonafide record of work done by

N.P. AJAY KUMAR (A20MTD21), under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore- 607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE IN MATHEMATICS



Head of the Department



Project Supervisor

Dr. A. Vamsakrishnan

Place: CUDDALORE

Date: 12.12.2022

Examiners:

1. 

2. 

# **A STUDY ON ONLINE GAME ADDICTION USING INTERVAL VALUED FUZZY SOFT MATRIX**

This project submitted to St. Joseph's College of Arts & Science  
(Autonomous), in partial fulfillment of the requirement for the award of  
the degree of

**Bachelor of Science in Mathematics**

By

**K.SIVAKUMAR**

**(A20MTD23)**

Under the Guidance of

**Dr. A. RAJESH, M.Sc., M.Phil., B.Ed., Ph.D.,**

Assistant Professor of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS ST. JOSEPH'S  
COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**CUDDALORE – 607 001**

**November – 2022**



## CERTIFICATE

This is to certify that the project on "A STUDY ON ONLINE GAME ADDICTION USING INTERVAL VALUED FUZZY SOFT MATRIX" is a bonafiderecord of work done by K.SIVAKUMAR (A20MTD23), under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore- 607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE IN MATHEMATICS



Head of the Department



Project Guide  
Dr. A. RAJESH, M.Sc., B.Ed., M.Phil., Ph.D.,  
Assistant Professor of Mathematics  
St. Joseph's College of Arts & Science (Autonomous)  
Manjakuppam, Cuddalore - 607 001.

Place : CUDDALORE

Date : 12/12/22

Examiners :

1. 

2. 

# **GRAPHICAL REPRESENTATION VARIABILITY AMONG STUDENTS ASSESSMENT BY LORENZ CURVE**

This project submitted to St. Joseph's College of Arts & Science (Autonomous),

In partial fulfillment of the requirement

For the award of the degree of

**BACHELOR OF SCIENCE IN MATHEMATICS**

By

**M.NIRMAL RAJ**

**(A20MTD24)**

Under the Guidance of

**Dr.SANJAL MOSE ,M.sc.,M.phil.,M.Ed.,M.phil.,ph.D.,**

Assistant professor



**PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**CUDDALORE - 607 001**

**NOVEMBER-2022**

## CERTIFICATE

This is to certify that the project on "GRAPHICAL REPRESENTATION VARIABILITY AMONG STUDENTS ASSESSMENT BY LORENZ CURVE" is a bonafide record of work done by **M.NIRMAL RAJ (A20MTD24)**, under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore- 607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of **BACHELOR OF SCIENCE IN MATHEMATICS**.

Head of the Department

Project Supervisor

Place: CUDDALORE

Date: 12 - 12 - 22

Examiners:

1.

2.

# **A STUDY ON IMPACT OF ALCOHOL CONSUMPTION IN BELOW 18 YEARS OLD OF AGE**

This project submitted to St. Joseph's College of Arts & Science (Autonomous),

In partial fulfillment of the requirement

For the award of the degree of

**BACHELOR OF SCIENCE IN MATHEMATICS**

By

**E.SANTHANAKUMAR**

**(A20MTD25)**

Under the Guidance of

**Dr.J. JON AROCKIARAJ, M.Sc., M.Phil., B.Ed., PGDCA., Ph.D.,**

Vice-Principal and Head of Department of Mathematics



**UG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**CUDDALORE – 607 001**

**NOVEMBER-2022**



### CERTIFICATE

This is to certify that the project on "A STUDY ON THE IMPACT OF ALCOHOL CONSUMPTION IN BELOW 18 YEARS OLD OF AGE" is a bonafide record of work done by E.SANTHANAKUMAR (A20MTD25), under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore – 607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE IN MATHEMATICS.

  
Head of the Department

  
Project Supervisor

Place: Cuddalore

Date: 12/12/2022

Examiners:

1. 
- 2.



# **CHOOSING A BEST BIKE UNDER TWO LAKHS USING TOPSIS METHOD**

This project is submitted to St. Joseph's College of Arts and Science (Autonomous)  
in partial fulfillment of the requirement  
for the award of the degree of

**BACHELOR OF SCIENCE IN MATHEMATICS**

By

**S.P.DHARANITHARAN  
(A20MTD28)**

Under the Guidance of

**Dr. S. JOHNSON SAVARIMUTHU, M.Sc., M.Phil., B.Ed., Ph.D.,**  
Assistant Professor, PG & Research Department of Mathematics.



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University)

**CUDDALORE-607 001**

**JANUARY – 2022**

## CERTIFICATE

This is to certify that the project on "CHOOSING A BEST BIKE UNDER TWO LAKHS" is a bonafide record of work done by S.P.DHARANITHARAN (A20MTD28), under my supervision and submitted to St. Joseph's College of Arts & Science, Cuddalore-607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfilment for the award of the degree of BACHELOR OF SCIENCE IN MATHEMATICS.



HEAD OF THE DEPARTMENT

12/12/22  
PROJECT GUIDE

Dr.S.JOHNSON SAVARIMUTHU B.Sc.,B.Phil.,B.Ed.,Ph.D.,  
Assistant Professor  
PG & Research Department of Mathematics  
St.Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Place: Cuddalore

Date: 12-12-22

EXAMINERS:

1. 

2. 

***A CASE STUDY ON CASTE BASED RESERVATION SYSTEM IN INDIA  
USING FUZZY RELATIONAL MAPS***

***(FRM)***

This project submitted to St. Joseph's College of Arts & Science (Autonomous),

In partial fulfilment of the requirement

For the award of the degree of

**BACHELOR OF SCIENCE IN MATHEMATICS**

By

**S.RAJENDRAN**

**(A20MTD29)**

Under the Guidance of

**Mr. J AROCKIA ARULDOSS M.S c., M.Phil.,**

Assistant Professor PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**CUDDALORE – 607 001**

**NOVEMBER-2022**



## CERTIFICATE

This is to certify that the project on "*A CASE STUDY ON CASTE BASED RESERVATION SYSTEM IN INDIA USING FUZZY RELATIONAL MAPS*" is a bonafide record of work done by **S.RAJENDRAN (A20MTD29)**, under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore- 607001, affiliated to Tiruvallur University, Vellore, in partial fulfilment for the award of the degree of **BACHELOR OF SCIENCE IN MATHEMATICS**.



Head of the Department



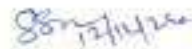
Project Guide

**J. AROCKIA ARULDOSS, M.Sc., M.Phil.,**  
Assistant Professor,  
PG & Research Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous),  
Manjakuppam, CUDDALORE - 607 001.

Place: Cuddalore

Date: 12/12/2022

Examiners:

1. 

2. 

**S.RAJENDRAN**

**(A20MTD29)**

PG & Research Department of Mathematics

St. Joseph's College of Arts and Science (Autonomous),

Cuddalore - 607 001.

**A STUDY ON STRESS OF THE DEAF & DUMB STUDENTS  
USING INTERVAL - VALUED FUZZY SOFT MATRIX**

This project submitted to St. Joseph's College of Arts & Science (Autonomous).  
Inpartial fulfillment of the requirement for the award of the degree of  
**BACHELOR OF SCIENCE IN MATHEMATICS**

By  
**M.KARTHICK**  
(A20MTD31)

Under the Guidance of  
**Dr. A. RAJESH, M.Sc., M.Phil., B.Ed., Ph.D.,**  
Assistant Professor of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)  
CUDDALORE – 607 001  
NOVEMBER – 2022**

## CERTIFICATE

This is to certify that the project on "A STUDY ON STRESS OF THE DEAF & DUMB STUDENTS USING INTERVAL - VALUED FUZZY SOFT MATRIX" is a bonafide record of work done by M.KARTHICK (A20MTD31), under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore- 607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE IN MATHEMATICS.



HEAD OF THE DEPARTMENT



PROJECT GUIDE

Dr. A. RAJESH, M.Sc., B.Ed., M.Phil., Ph.D.,  
Assistant Professor of Mathematics  
St. Joseph's College of Arts & Science (Autonomous)  
Narajakkuppam, Cuddalore - 607 001.

Place: CUDDALORE

Date: 12/12/2022

EXAMINERS:

1. 

2. 

# **SELECTION OF BEST MOBILE PHONE WITH MULTI CRITERIA USING SAW METHOD**

This project was submitted to St.Joseph's College of Arts & Science (Autonomous), in partial fulfillment of the requirement for the award of the degree of Bachelor of Science in Mathematics

By

**R. SANJAY**

**(A20MTD34)**

Under the Guidance of

**Dr.J. JON AROCKIARAJ, M.Sc., M.Phil., B.Ed., PGDCA.,Ph.D.,**

Vice-Principal and Head of Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**CUDDALORE – 607 001**

**november – 2022**



## CERTIFICATE

---

This is to certify that the project on **"SELECTION OF BEST MOBILE PHONE WITH MULTI CRITERIA USING SAW METHOD"** is a bonafide record of work done by **R. SANJAY (A20MTD34)**, under my supervision and submitted to **St. Joseph's College of Arts and Science (Autonomous)**, Cuddalore- 607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of **BACHELOR OF SCIENCE IN MATHEMATICS**



**HEAD OF THE DEPARTMENT**



**PROJECT GUIDE**

Place: Cuddalore  
Date: 12/12/22

**EXAMINERS :**

1. 

2. 

**FUZZY MATRIX APPROACH TO STUDY THE MAXIMUM  
AGE GROUP OF STRESSED STUDENTS STUDYING IN  
COLLEGE**

This project is submitted

to

**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

in partial fulfillment of the  
requirement for the award of the  
degree of

**BACHELOR OF SCIENCE IN MATHEMATICS**

By

**A.KAMALESAN  
(A20MTD36)**

Under the guidance of

**Mr. T. HENSON, M.Sc., M.Phil., B. Ed., M.Sc(IT), PGDCA.,**

Assistant Professor, PG & Research Department of Mathematics,



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS &  
SCIENCE(AUTONOUOUS)CUDDALORE-607 001  
November – 2022**

## CERTIFICATE

This is to certify that the project on "  
Duty Matrix Approach to Study the Maximum Age Group of Stressed Students Studying in  
Colleges" is a bonafide record of work done by **A.KAMALESAN(A20MTD36)**, under my  
supervision and submitted to St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment  
for the award of the degree of BACHELOR OF SCIENCE IN MATHEMATICS.



HEAD OF THE DEPARTMENT



PROJECT GUIDE

Place: CUDDALORE

Date: 12-12-22

EXAMINERS:

1. 

2. 

# **ANALYSIS OF THE MOST SUITABLE LAPTOP USING FUZZY SET IN DECISION MAKING**

This project is submitted to St. Joseph's College of Arts & Science  
(Autonomous), in partial fulfillment of the requirement for the award  
of the Degree of  
Bachelor of Science in Mathematics

By  
**S.KRISHNARAJ**  
(A20MTD38)

Under the Guidance of  
**Mr.A.AROCKIA ARULDOSS, M.Sc., M.Phil., B.Ed.**  
Assistant Professor Of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University)  
**Cuddalore - 607001**  
**NOVEMBER - 2022**



## CERTIFICATE

---

This is certify that the project on "ANALYSIS OF THE MOST SUITABLE LAPTOP USING FUZZY SETS IN DECISION MAKING" is a bonafide record of work done by **S. KRISHNARAJ (A20MTD38)**, under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of Bachelor Of Science In Mathematics.

Head of the Department

Project Supervisor

Place: CUDDALORE

Date: 12-12-2022

Examiners :

1.

2.

# **ANALYSIS OF THE MOST SUITABLE COLLEGE USING FUZZY SETS IN DECISION MAKING**

This project is submitted to

St. Joseph's College of Arts & Science (Autonomous), in partial  
fulfillment of the requirement for the award of the Degree of  
Bachelor of Science in Mathematics

By

**K.SIVANESAN**

**A20MTD39**

Under the Guidance of

**Dr.A.VENKATESAN M.Sc., M.Phil., B.Ed., SET., Ph.D.,**

Assistant Professor



PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
(Affiliated to Thiruvalluvar University)

Cuddalore - 607001

November - 2022

## CERTIFICATE

---

This is certify that the project on "**ANALYSIS OF THE MOST SUITABLE COLLEGE USING FUZZY SETS IN DECISION MAKING**" is a bonafide record of work done by **K.SIVANESAN (A20MTD39)**, under my supervision and submitted to St.Joseph's College of Arts and Science (Autonomous), Cuddalore - 607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of **Bachelor of Science in Mathematics**.

Head of the Department

Project Supervisor

Dr. A.Venkatesan

Place : CUDDALORE

Date : 12/12/2022

Examiners :

1.

2.

**A STUDY ON MENTAL HEALTH OF COLLEGE  
STUDENTS USING INTERVAL-VALUED FUZZY SOFT MATRIX**

This project submitted to St. Joseph's College of Arts & Science (Autonomous),

in partial fulfillment of the requirement

For the award of the degree of

**BACHELOR OF SCIENCE IN MATHEMATICS**

By

**J.VISHNU**

**(A20MTD40)**

Under the Guidance of

**Dr. A. RAJESH, M.Sc., M.Phil., B.Ed., Ph.D.,**

Assistant Professor, PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**CUDDALORE – 607 001**

**NOVEMBER-2022**



## CERTIFICATE

This is to certify that the project on "A STUDY MENTAL HEALTH OF COLLEGE STUDENTS USING INTERVAL-VALUED FUZZY SOFT MATRIX" is a bonafide record of work done by J.VISHNU (A20MTD40), under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore- 607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of **BACHELOR OF SCIENCE IN MATHEMATICS**.



Head of the Department



Project Supervisor

Dr. A. RAJESH, M.Sc., B.Ed., M.Phil., Ph.D.,  
Assistant Professor of Mathematics  
St. Joseph's College of Arts & Science (Autonomous)  
Manjakuppam, Cuddalore - 607 001.

Place: Cuddalore

Date: 12-12-2022

Examiners:

1.



2.



# **ANALYZING FACIAL EXPRESSION RECOGNITION USING FUZZY LOGICS**

This project is submitted to St. Joseph's College of Arts & Science (Autonomous),  
in partial fulfillment of the requirement for the degree of Bachelor of Science in Mathematics.

By

**N.ARCHANA  
A20MTEA01**

Under the Guidance of

**Mrs. A. AROKIAMARY, M.SC., M.Phil., SET**

PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
(Affiliated to Annamalai University)**

**Cuddalore- 607 001**

**November-2022**

## CERTIFICATE

This is to certify that the project on "Analyzing Facial expression recognition using Fuzzy logics" is a bonafide record of work done by N.ARCHANA (A20MTEA01) under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607 001,

affiliated to Annamalai University, in partial fulfillment for the award of the degree of **BACHELOR OF SCIENCE in MATHEMATICS.**



HEAD OF THE DEPARTMENT



PROJECT GUIDE

**A. AROKIA MARY, M.Sc., M.Phil.**

Assistant Professor,

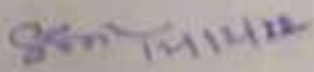
PG and Research Department of Mathematics,

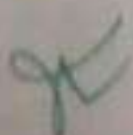
St. Joseph's College of Arts and Science (Autonomous),

Maruthampatti, CUDDALORE - 607 001

Place: Cuddalore Date: 12-12-2022

EXAMINERS:

1. 

2. 

# TELECOMMUNICATION NETWORK BUILDING USING MST WITH PRIM'S ALGORITHM

This project is submitted to St. Joseph's College of Arts & Science  
(Autonomous), in partial fulfillment of the requirement for the degree of  
Bachelor of Science in Mathematics

By

**V.DEVI SRI**  
**(A20MTEA02)**

Under the Guidance of

**DR.L.JETHRUTH EMELDA MARY,M.Sc.,M.Phil. B.Ed.,Ph.D.,**  
Assistant professor,  
PG & Research department of mathematics.



PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH' S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
(Affiliated to Thiruvalluvar university)

CUDDALORE-607 001

November-2022

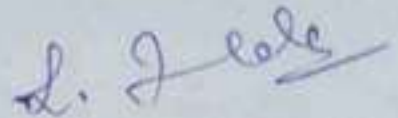


## CERTIFICATE

This is to certify that the project on "TELECOMMUNICATION NETWORK BUILDING WITH MST USING PRIM'S ALGORITHM" is a bonafide record of work done by DEVI SRI V(A20MTEA02) under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607 001, affiliated to Tiruvalluvar University, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE IN MATHEMATICS.



HEAD OF THE DEPARTMENT



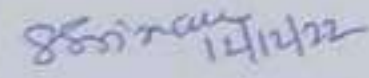
PROJECT GUIDE

**Dr.L.JETHRUTH EMELDA MARY,**  
M.Sc.,M.Phil.,B.Ed.,Ph.D.,  
Assistant Professor in Mathematics  
St. Joseph's College of arts and Science  
Cuddalore - 607 001.

Place: Cuddalore

Date: 12.12.2022

EXAMINERS:

1.  14/12/22

2. 

# PARABOLIC STRUCTURE OF ANTENNA REFLECTOR

This project is submitted to St. Joseph's College of Arts & Science  
(Autonomous), in partial fulfillment of the requirement for the degree of  
Bachelor of Science in Mathematics

By  
**DIVYA N**  
(A20MTEA03)

Under the Guidance of

**Mrs. R. PADMAPRIYA, MSc., B.Ed., MPhil., PGDCA.,**  
PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University)

Cuddalore – 607 001

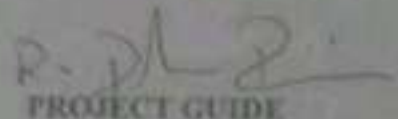
November-2022

## CERTIFICATE

This is to certify that the project on "Parabolic Structure of Antenna Reflector" is a bonafide record of work done by N. DIVYA (A20MTEA03) under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607 001, affiliated to Thiruvalluvar University, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE in MATHEMATICS.



HEAD OF THE DEPARTMENT

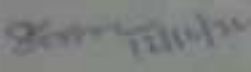
  
PROJECT GUIDE

R. PADMA PRIYA B.Sc. PH.D., M.A.,  
Asst. Professor  
Department of Mathematics,  
St. Joseph's College of Arts & Science,  
Cuddalore.

Place: Cuddalore

Date: 12.12.2022

EXAMINERS:

1. 

2. 

# **APPLICATION OF GEOMETRY**

This project is submitted to  
St. Joseph's College of Arts & Science (Autonomous), in partial  
fulfillment of the requirement for the degree of  
Bachelor of Science in Mathematics

By  
**GAYATHRI A**  
( A20MTEA04)

Under the Guidance of  
**Dr. C. DEVI SHYAMALA MARY , M.Sc., B.Ed., M.Phil., Ph.D.,**  
Assistant Professor  
PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University)

**Cuddalore – 607 001**

**November-2022**



## CERTIFICATE

This is to certify that the project on “APPLICATION OF GEOMETRY” is a bonafide record of work done by **GAYATHRI A (A20MTEA04)** under my supervision and submitted to **St. Joseph's College of Arts & Science (Autonomous), Cuddalore – 607 001**, affiliated to **Thiruvalluvar University, Vellore**, in partial fulfillment for the award of the degree of **BACHELOR OF SCIENCE in MATHEMATICS**.



HEAD OF THE DEPARTMENT

cat by

## PROJECT GUIDE

Dr. C. DEVI SHYAMALA MARY, M.Sc. B.Ed. M.Phil. Ph.D.,  
Assistant Professor,  
PG and Research Department of Mathematics,  
St. Joseph's College of Arts & Science,  
Cuddalore - 607 001.

Place: cuddalore

Date: 12/12/2022

**EXAMINERS:**

1. 88m 12/14/22

2. 

# **APPLICATION OF T-TEST ON ROAD ACCIDENTS**

This project is submitted to St. Joseph's College of Arts & Science  
(Autonomous), in partial fulfillment of the requirement for the degree of  
**Bachelor of Science in Mathematics**

By

**S.GUNAVATHI**

**A20MTEA05**

Under the Guidance of

**Mrs. A.SAVITHAMARY , M.Sc., M.Phil.,**  
PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University)

**Cuddalore - 607 001**

**November-2022**

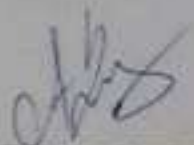
## CERTIFICATE

---

This is to certify that the project on "APPLICATION OF T- TEST ON ROAD ACCIDENTS" is a bonafide record of work done by S.GUNAVATHI (A20MTEA05) under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607 001, affiliated to Thiruvalluvar University, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE in MATHEMATICS.



HEAD OF THE DEPARTMENT



PROJECT GUIDE

A. SAVITHA MARY, M.Sc., M.Phil.,  
Assistant Professor of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Place: Cuddalore

Date: 12.12.2022.

EXAMINERS:

1. 

2. 

## **Partial differential equations with heat equation**

This project is submitted to St. Joseph's College of Arts & Science  
(Autonomous), in partial fulfillment of the requirement for the degree of  
Bachelor of Science in Mathematics

By

**K. Jayashree**  
**A20MTEA06**

Under the Guidance of

**Dr. J. JON AROCKIARAJ, M.sc., M.phil., B.Ed., PGDCA., Ph.D.,**  
PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University)

Cuddalore- 607 001

November - 2022



## CERTIFICATE

---

This is to certify that the project on "Partial differential equation with heat equation" is a bonafide record of work done by K. Jayashree (A20MTEA06) under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607 001, affiliated to Thiruvalluvar University, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE in MATHEMATICS.



HEAD OF THE DEPARTMENT

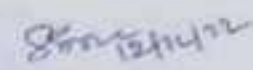


PROJECT GUIDE

Place: Cuddalore

Date: 12.12.2022

EXAMINERS:

1.  12/12/22

2. 

# **APPLICATION OF INVERTIBLE MATRICES USING MODULO 29 TO ENCRYPT AND DECRYPT MESSEGES**

This project is submitted to subject to St. Joseph's College of Arts & Science (Autonomous),  
in partial fulfillment of the requirement for the degree of

**BACHELOR OF SCIENCE IN MATHEMATICS**

**By**

**T. JAVASRI**

**(A20MTEA07)**

**Under the Guidance of**

**Mrs. R. PADMA PRIYA, M.S.c., M.Phil., B.Ed., PGDCA.,**

**Assistan Professor, PG & Research Department Of Mathematics.**



**PG & Research Department Of Mathematics**

**St Joseph's College Arts & Science (Autonomous)**

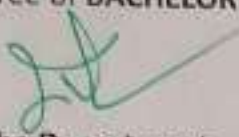
**(Affiliated to Thiruvalluvar University)**

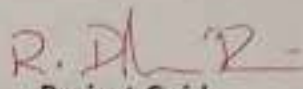
**Cuddalore -607 001**

**January -2022**

## CERTIFICATE

This is to certify that the project on " ENCRYPT AND DECRYPT MESSAGES OF INVERTIBLE MATRICES USING MODULO 29" is a bonafide record of work done by T.JAYASRI(A20MTEA07), under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore – 607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE IN MATHEMATICS.

  
Head of The Department

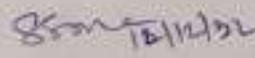
  
Project Guide

R. PADMA PRIYA B.Sc. MPhil. BEd, PGDCA  
Asst. Professor  
Department of Mathematics,  
St. Joseph's College of arts & Science,  
Cuddalore.

Place: Cuddalore.

Date: 12-12-2022.

EXAMINERS:

1. 

2. 

# ENCRYPTION AND DECRYPTION USING RSA ALGORITHM

This project is submitted to St. Joseph's College of Arts & Science  
(Autonomous), in partial fulfillment of the requirement for the degree of  
Bachelor of Science in Mathematics

By  
**KARPAGAM.C**  
**A20MTEA08**

Under the Guidance of  
**Mrs. A. AROKIAMARY, M.SC., M.Phil., SET**

PG & Research Department of Mathematics



PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
(Affiliated to Annamalai University)

Cuddalore- 607 001

November-2022



## CERTIFICATE

This is to certify that the project on "Encryption and decryption using RSA algorithm" is a bonafide record of work done by KARPAGAMLC (A20MTEA08) under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607 001, affiliated to Annamalai University, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE in MATHEMATICS.



HEAD OF THE DEPARTMENT



PROJECT GUIDE

A. JYOTIKA MARY, M.Sc., M.Phil.

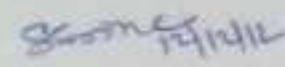
Assistant Professor,


PG and Research Department of Mathematics,  
St. Joseph's College of Arts and Science (Autonomous)  
Manjakuppam, CUDDALORE - 607 001.

Place: Cuddalore

Date: 12/12/2022

EXAMINERS:

1. 

2. 

# **SHORTEST PATH PROBLEM USING 3 TYPES OF ALGORITHM IN GRAPH THEORY**

This project is submitted to St. Joseph's College of Arts & Science  
(Autonomous), in partial fulfillment of the requirement for the degree of  
Bachelor of Science in Mathematics

By  
**S. KEERTHANA**  
(A20MTEA09)

Under the Guidance of  
**Dr. L. Jethruth Emelda Mary, M.Sc., M.Phil., B.Ed., Ph.D.,**  
Assistant Professor,  
PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University)

Cuddalore – 607 001

November-2022

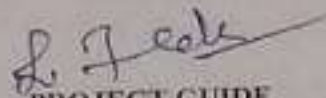
## CERTIFICATE

---

This is to certify that the project on "Shortest Path Problem Using 3 types of Algorithm in Graph Theory" is a bonafide record of work done by S. KEERTHANA (A20MTEA09) under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607 001, affiliated to Tiruvalluvar University, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE IN MATHEMATICS.



HEAD OF THE DEPARTMENT

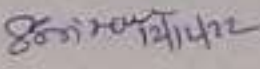
  
PROJECT GUIDE

Dr. L. JETHRUTH EMELDA MARY,  
M.Sc., M.Phil., B.Ed., Ph.D.,  
Assistant Professor in Mathematics  
St. Joseph's College of arts and Science  
Cuddalore - 607 001.

Place: Cuddalore

Date: 12.12.2022

EXAMINERS:

1.  12/11/22

2. 

# **AN ANALYSIS THE QUALITY OF SUGAR USING TOPSIS METHOD**

This project is submitted to St. Joseph's College of Arts and Science (Autonomous)

in partial fulfilment of the requirement

for the award of the degree of

**BACHELOR OF SCIENCE IN MATHEMATICS**

By

**S. MALARVIZHI**

**(A20MTEA10)**

Under the Guidance of

**Dr. J. JON AROCKIARAJ, M.Sc., M.Phil., B.Ed., PGDCA., Ph.D.,**

Vice Principal & Head of Department,

PG & Research Department of Mathematics.



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOUOUS)**

(Affiliated to Thiruvalluvar University)

**CUDDALORE-607 001**

**NOVEMBER - 2022**



## CERTIFICATE

---

This is to certify that the project on "An Analysis the Quality of Sugar using Topsis Method" is a bonafide record of work done by S. MALARVIZHI (A20MTEA10), under my supervision and submitted to St. Joseph's College of Arts & Science, Cuddalore-607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfilment for the award of the degree of BACHELOR OF SCIENCE IN MATHEMATICS.



HEAD OF THE DEPARTMENT

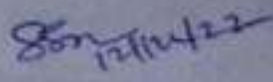



PROJECT GUIDE

Place: Cuddalore

Date: 12/12/2022

EXAMINERS:

1.  12/12/22

2. 

# **EPIDEMIOLOGY OF COVID-19**

This project is submitted to St. Joseph's College of Arts & Science  
(Autonomous), in partial fulfillment of the requirement for the degree of  
Bachelor of Science in Mathematics

By

**MUTHAMIZHSELVI R P**  
**(A20MTEA11)**

Under the Guidance of

**Dr. C. DEVI SHYAMALA MARY, M.Sc., B.Ed., M.Phil., Ph.D.,**

**Assistant Professor**

**PG & Research Department of Mathematics**



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
**(Affiliated to Thiruvalluvar University)**

**Cuddalore – 607 001**

**November-2022**

## CERTIFICATE

---

This is to certify that the project on "EPIDEMIOLOGY OF COVID-19" is a bonafide record of work done by MUTHAMIZHSELVI R P (A20MTEA11) under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE in MATHEMATICS.



HEAD OF THE DEPARTMENT



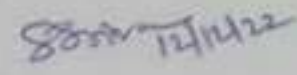
PROJECT GUIDE


Dr. C. DEVI SHYAMALAKSHMI, M.Sc., B.Ed., M.Phil., Ph.D.,  
Assistant Professor,  
PG and Research Department of Mathematics,  
St. Joseph's College of Arts & Science,  
Cuddalore - 607 001.

Place: Cuddalore

Date: 12/12/2022

EXAMINERS:

1.  12/11/22

2. 

# **BALANCING CHEMICAL EQUATION USING MARTIX AND MATLAB**

This project is submitted to St. Joseph's College of Arts & Science  
(Autonomous), in partial fulfillment of the requirement for the degree of  
**Bachelor of Science in Mathematics**

By  
**K.NATHIYA**  
(A20MTEA12)

Under the Guidance of  
**Mrs. A. SAVITHA MARY , M.Sc., M.Phil.,**  
PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH' S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University)

**Cuddalore- 607 001**

**November-2022**



## CERTIFICATE

This is to certify that the project on "BALANCING OF CHEMICAL EQUATION USING MARTIX AND MATLAB" is a bonafide record of work done by K.NATHIYA (A20MTEA12) under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607 001, affiliated to Thiruvalluvar University, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE in MATHEMATICS.



HEAD OF THE DEPARTMENT



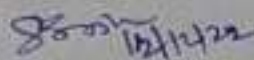
PROJECT GUIDE  
A. SAVITHA MARY, M.Sc., M.Phil.,  
Assistant Professor of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Place: Cuddalore

Date: 12.12.2022

EXAMINERS:

1.



2.



# **CALCULATION OF SEED RATE AND FERTILIZER REQUIREMENT RATE FOR PADDY**

This project is submitted to St. Joseph's College of Arts & Science  
(Autonomous), in partial fulfillment of the requirement for the degree of  
Bachelor of Science in Mathematics

By  
**D. NIVASHINI**  
(A20MTEA13)

Under the Guidance of

**Dr. J. Jon Arockiaraj, Msc., M.Phil., B.Ed., PGDCA., Ph.D.,**  
Vice Principal and the Head of the Department  
PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH' S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University)

**Cuddalore- 607 001**

**November-2022**

## CERTIFICATE

---

This is to certify that the project on "Calculation of Seed rate and Fertilizer requirement rate for Paddy" is a bonafide record of work done by **D. NIVASHINI(A20MTEA13)** under my supervision and submitted to **St. Joseph's College of Arts & Science (Autonomous)**, Cuddalore - 607 001, affiliated to Annamalai University, in partial fulfillment for the award of the degree of **BACHELOR OF SCIENCE in MATHEMATICS**.



HEAD OF THE DEPARTMENT

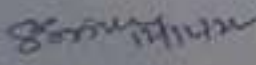


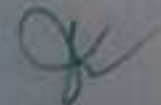
PROJECT GUIDE

Place: Cuddalore

Date: 12. 12. 2022

EXAMINERS:

1. 

2. 

# APPLICATION OF FOURIER TRANSFORM IN SIGNAL PROCESSING USING MATLAB

This project is submitted to St. Joseph's College of Arts & Science (Autonomous), in partial fulfillment of the requirement for the degree of Bachelor of Science in Mathematics

By

**A.NIVEDHA**  
(A20MTEA14)

Under the Guidance of

**Mrs.A.SAVITHA MARY, M.sc.,M.Phil.,**  
Assistant professor  
PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH' S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University)

Cuddalore - 607 001

NOVEMBER-2022



## CERTIFICATE

This is to certify that the project on "Application of Fourier Transform in Signal Processing using Matlab" is a bonafide record of work done by A.NIVEDHA (A20MTEA14) under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607 001, affiliated to Thiruvalluvar University, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE in MATHEMATICS.



HEAD OF THE DEPARTMENT



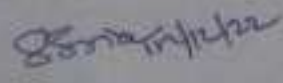
PROJECT GUIDE

HA MARY, M.Sc., M.Phil.,  
Assistant Professor of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Place: Cuddalore

Date: 12.12.2022

EXAMINERS:

1. 

2. 

# FUZZY LOGIC CONTROLLED AUTOMATIC ROBOTIC VACUUM CLEANER

This project is submitted to  
St. Joseph's College of Arts & Science (Autonomous), in partial  
Fulfillment of the requirement for the degree  
Bachelor of Science in Mathematics

By  
**S. OVIYAROSE**  
A20MTEA15

Under the Guidance of  
**Mrs. A. AROKIAMARY, M. Sc., M.Phil., SET**  
Assistant Professor



PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
(Affiliated to Thiruvalluvar University)

CUDDALORE 607001

NOVEMBER-2022

## CERTIFICATE

---

This is to certify that the project on is - **FUZZY LOGIC CONTROLLED AUTOMATIC ROBOTIC VACUUM CLEANER** a bonafide record of work done by **S. OVIVAROSE (A20MTEA15)** under my supervision and submitted to **St. Joseph's College of Arts & Science (Autonomous)** Cuddalore - 607 001, affiliated to **Thiruvalluvar University, Vellore** in partial fulfillment for the award of the degree of **BACHELOR OF SCIENCE in MATHEMATICS**.



HEAD OF THE DEPARTMENT



PROJECT GUIDE

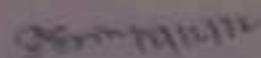
**A. AROKIA MARY, M.Sc., M.Phil.**

Assistant Professor,  
PG and Research Department of Mathematics,  
St. Joseph's College of Arts and Science (Autonomous),  
Manjakkulam, CUDDALORE - 607 001

Place *Cuddalore*

Date: *12-12-2022*

EXAMINERS:

1. 

2. 

# SUDOKU PUZZLE BY GRAPH COLORING

This project is submitted to St. Joseph's College of Arts & Science  
(Autonomous), in partial fulfillment of the requirement for the degree of  
Bachelor of Science in Mathematics

By  
S. PARKAVI  
(A20MTEA16)

Under the Guidance of

Dr. L. Jethruth Emelda Mary, M.Sc., M.Phil., B.Ed., Ph.D.,  
Assistant Professor,

PG & Research Department of Mathematics



PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
(Affiliated to Thiruvalluvar University)

Cuddalore – 607 001

November-2022



## CERTIFICATE

This is to certify that the project on "Sudoku puzzle using graph coloring" is a bonafide record of work done by S. PARKAVI (A20MTEA16) under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607 001, affiliated to Tiruvalluvar University, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE IN MATHEMATICS.

*[Signature]*  
12/12

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*[Signature]*  
PROJECT GUIDE

Dr.L.JETHRUTH EMELDA MARY,  
M.Sc.,M.Phil.,B.Ed.,Ph.D.,  
Assistant Professor in Mathematics  
St. Joseph's College of arts and Science  
Cuddalore - 607 001.

Place: Cuddalore

Date: 12.12.2022

EXAMINERS:

1. *[Signature]* 12/12/22

2. *[Signature]*

# **APPLICATIONS OF VERTEX AND EDGE COLORINGS IN GRAPH THEORY**

This project is submitted to St. Joseph's College of Arts & Science (Autonomous),  
in partial fulfillment of the requirement for the degree of  
Bachelor of Science in Mathematics

By  
**K. PRAMILA**  
**A20MTEA17**

Under the guidance of

**Mrs. R. Padma Priya, M.Sc., M.Phil., B.Ed., PGDCA**  
Assistant professor  
PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University)  
Cuddalore- 607 001

November-2022

## CERTIFICATE

---

This is to certify that the project on "APPLICATIONS OF GRAPH THEORY" is a bonafide record of work done by K. PRAMILA (A20MTEA17) under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607 001, affiliated to Annamalai University, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE in MATHEMATICS.



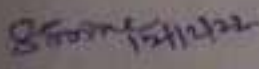
HEAD OF THE DEPARTMENT

  
PROJECT GUIDE

Place: Cuddalore

Date: 12.12.2022

EXAMINERS:

1.  12/12/22

2. 

# **FINDING THE FLOW OF CURRENT IN AN ELECTRICAL CIRCUIT USING CRAMER'S RULE IN MATRIX**

This project is submitted to  
St. Joseph's College of Arts & Science (Autonomous), in partial  
fulfillment of the requirement for the degree of  
Bachelor of Science in Mathematics

By  
**R RAJESWARI**  
( A20MTEA18)

Under the Guidance of  
**Dr. C. DEVI SHYAMALA MARY , M.Sc., B.Ed., M.Phil., Ph.D.,**  
Assistant Professor  
PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University)

Cuddalore – 607 001

November-2022



## CERTIFICATE

This is to certify that the project on "FINDING THE FLOW OF CURRENT IN AN ELECTRICAL CIRCUITS USING CRAMER'S RULE IN MATRIX" is a bonafide record of work done by **R RAJESWARI (A20MTEA18)** under my supervision and submitted to **St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607 001**, affiliated to **Thiruvalluvar University, Vellore**, in partial fulfillment for the award of the degree of **BACHELOR OF SCIENCE in MATHEMATICS**.

HEAD OF THE DEPARTMENT

PROJECT GUIDE

Dr. C. DEVI SHYAMALA MARY, M.Sc., B.Ed., M.Phil., Ph.D.,  
Assistant Professor,  
PG and Research Department of Mathematics,  
St. Joseph's College of Arts & Science,  
Cuddalore - 607 001.

Place: *Cuddalore*

Date: *12-12-2022*

EXAMINERS:

1. *S. Srinivasan 11/12/22*

2. *JK*

# **AN ANALYSIS OF THE AGE OF FOSSILS BY RADIOCARBON DATING USING INTEGRAL CALCULUS**

This project is submitted to St. Joseph's College of Arts & Science (Autonomous), in partial fulfillment of the requirement for the degree of Bachelor of Science in Mathematics

By  
**S. RITHIKA SARASWATHI**  
(A20MTEA19)

Under the Guidance of  
**Mrs. A. SAVITHA MARY, M.Sc., M.Phil.,**  
Assistant Professor  
PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University)

Cuddalore – 607 001

November-2022

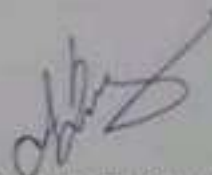
## CERTIFICATE

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This is to certify that the project on "AN ANALYSIS OF THE AGE OF FOSSILS BY RADIOCARBON DATING USING INTEGRAL CALCULUS" is a bonafide record of work done by S. Rithika Saraswathi (A20MTEA19) under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607 001, affiliated to Thiruvalluvar University, in partial fulfillment for the award of the degree of **BACHELOR OF SCIENCE** in **MATHEMATICS**.



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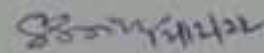
PROJECT GUIDE


A. SAVITHA MARY, M.Sc., M.Phil.,  
Assistant Professor of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607 001.

Place: Cuddalore

Date: 12-12-2022

### EXAMINERS:

1. 

2. 

**BALANCING CHEMICAL REACTION EQUATION BY USING  
GAUSSIAN ELIMINATION METHOD  
(using oxidation number in chemical reaction)**

This project is submitted to St. Joseph's College of Arts & Science  
(Autonomous), in partial fulfillment of the requirement for the degree of  
**Bachelor of Science in Mathematics**

By  
**R. SANTHIYA**  
(A20MTEA20)

Under the Guidance of

**Dr.J.Jon Arockiaraj,M.Sc.,M.Phil.,B.Ed.,PGDCA.,Ph.D.,**  
**Vice principal and The Head of the department**  
PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH' S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University)

**Cuddalore- 607 003**

**November-2022**



## CERTIFICATE

---

This is to certify that the project on "BALANCING CHEMICAL REACTION EQUATION BY USING GAUSSEIAN ELEMINATION METHOD (using oxidation number in chemical reaction)" is a bonafide record of work done by R. SANTHIYA (A20MTEA20), under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607 001, affiliated to Thiruvalluvar University, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE IN MATHEMATICS.



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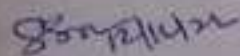


PROJECT GUIDE

Place: Cuddalore

Date: 12.12.2022

### EXAMINERS:

1. 

2. 

# **AN ANALYSIS OF ACCIDENT RATE IN SOUTH INDIA USING TOPSIS METHOD**

This project is submitted to  
St. Joseph's College of Arts & Science (Autonomous), in partial  
Fulfillment of the requirement for the degree  
Bachelor of Science in Mathematics

By  
**F.SELIN**  
A20MTEA21

Under the Guidance of  
**Mrs. A. AROKIAMARY, M. Sc., MPhil., SET**  
Assistant Professor



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE**  
**(AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University)

**CUDDALORE 607001**

**NOVEMBER-2022**

## CERTIFICATE

This is to certify that the project on is "AN ANALYSIS OF ACCIDENT RATE IN SOUTH INDIA USING TOPSIS METHOD" a bonafide record of work done by FSEIN (A20MTEA21) under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous) Cuddalore - 607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE in MATHEMATICS.



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PROJECT GUIDE

A. AROKIA MARY, M.Sc., M.Phil.

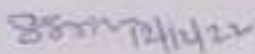
Assistant Professor,

PG and Research Department of Mathematics,  
St. Joseph's College of Arts and Science (Autonomous),  
Maniakuppam, CUDDALORE - 607 001.

Place: Cuddalore

Date: 12.12.22

EXAMINERS:

1. 

2. 

# **FUZZY LOGIC IN HVAC FOR HUMAN COMFORT**

This project is submitted to St. Joseph's College of Arts & Science  
(Autonomous), in partial fulfillment of the requirement for the degree of  
**Bachelor of Science in Mathematics**

By  
**J. SRUTHI**  
(A20MTEA22)

Under the Guidance of  
**Mrs. A. AROKIAMARY, M.Sc., M.Phil., SET**  
PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Annamalai University)

Cuddalore- 607 001

November-2022



## CERTIFICATE

This is to certify that the project on "FUZZY LOGIC IN HVAC FOR HUMAN COMFORT" is a bonafide record of work done by J. SRUTHI (A20MTEA22) under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607 001, affiliated to Annamalai University, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE in MATHEMATICS.



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PROJECT GUIDE

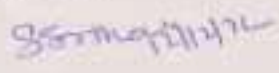
A. AROKIA MARY, M.Sc., M.Phil.

Assistant Professor,  
PG and Research Department of Mathematics,  
St. Joseph's College of Arts and Science (Autonomous),  
Manakuram, CUDDALORE - 607 001

Place: Cuddalore

Date: 18.12.2022

EXAMINERS:

1. 

2. 

# **CONSTRUCTION OF CHARACTER TABLE OF POINT GROUP USING THE GREAT ORTHOGONALITY THEOREM**

This project is submitted to St. Joseph's College of Arts & Science (Autonomous), in partial fulfillment of the requirement for the degree of Bachelor of Science in Mathematics.

By

**S.D.SWEATHA**

**(A20MTEA23)**

Under the Guidance of

**DR. L. JETHRUTH EMELDA MARY, M.Sc., M.Phil., B.Ed., Ph.D.,**

PG & Research Department of Mathematics




**PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH' S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)  
CUDDALORE – 607 001.**

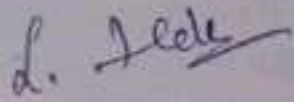
**NOVEMBER 2022**

## CERTIFICATE

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This is to certify that the project on "Construction of Character Table of point group using The Great Orthogonality Theorem" is a bonafide record of work done by S.D.SWEATHA (A20MTEA23) under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore – 607 001, affiliated to Annamalai University, in partial fulfillment for the award of the degree of **BACHELOR OF SCIENCE IN MATHEMATICS**.

  
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PROJECT GUIDE

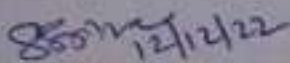
**Dr.L.JETHRUTH EMELDA MARY,**  
M.Sc.,M.Phil.,B.Ed.,Ph.D.,  
Assistant Professor in Mathematics  
St. Joseph's College of arts and Science  
Cuddalore - 607 001.

Place : Cuddalore

Date : 12.12.2022

EXAMINERS :

1.

  
12/12/22

2.



# PROFIT OPTIMIZATION OF RICE FARMING BUSINESS BY USING SIMPLEX METHOD IN OPERATION RESEARCH

This project is submitted to St. Joseph's College of Arts & Science (Autonomous),  
in partial fulfillment of the requirement for the degree of Bachelor of Science in  
Mathematics

By  
**S. R. VIDHYA**  
**(A20MTEA24)**

Under the Guidance of

**Mrs. R. PADMA PRIYA, M.Sc., M.Phil., B.Ed., PGDCA.,**

PG & Research Department of Mathematics



PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH' S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE - 607 001

(Affiliated to Thiruvalluvar University )

NOVEMBER - 2022



## CERTIFICATE

This is to certify that the project on " PROFIT OPTIMIZATION OF RICE FARMING BUSINESS BY USING SIMPLEX METHOD IN OPERATION RESEARCH " is a bonafide record of work done by S. R. VIDHYA (A20MTEA24) under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607 001, affiliated to thiruvalluvar University, Vellore. in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE IN MATHEMATICS.



HEAD OF THE DEPARTMENT

  
PROJECT GUIDE

R. PADMA PRIYA B.Sc. M.Phil. B.Ed. M.Tech.  
Asst. Professor  
Department of Mathematics,  
St. Joseph's College of arts & Science,  
Cuddalore.

Place: Cuddalore

Date: 12.12.2022

EXAMINERS:

1. 

2. 

# **RANKING THE BEST WEB BROWSERS USING ANALYTICAL HIERARCHY PROCESS (AHP)**

This project is submitted to  
St. Joseph's College of Arts & Science (Autonomous), in partial  
fulfillment of the requirement for the degree of  
Bachelor of Science in Mathematics

By  
**R.VISHALINI**  
( A20MTEA25)

Under the Guidance of  
**Dr. C. DEVI SHYAMALA MARY , M.Sc., B.Ed., M.Phil., Ph.D.,**  
**Assistant Professor**  
PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH' S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
**(Affiliated to Thiruvalluvar University)**

**Cuddalore – 607 001**

**November-2022**

## CERTIFICATE

This is to certify that the project on "RANKING THE BEST WEB BROWSERS USING ANALYTICAL HIERARCHY PROCESS (AHP)" is a bonafide record of work done by **R.VISHALINI(A20MTEA25)** under my supervision and submitted to **St. Joseph's College of Arts & Science (Autonomous)**, Cuddalore - 607 001, affiliated to **Thiruvalluvar University, Vellore**, in partial fulfillment for the award of the degree of **BACHELOR OF SCIENCE in MATHEMATICS**.



HEAD OF THE DEPARTMENT



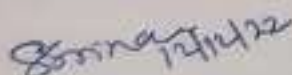
PROJECT GUIDE

Dr. C. DEVI SHYAMALA MARY, M.Sc., B.Ed., M.Phil., Ph.D.,  
Assistant Professor,  
PG and Research Department of Math  
St. Joseph's College of Arts & Science,  
Cuddalore - 607 001

Place: Cuddalore

Date: 12.12.22

### EXAMINERS:

1.   
12/12/22

2. 

# **AN ANALYSIS OF SERIES AND PARALLEL CONNECTION IN SWITCHING THEORY USING BOOLEAN ALGEBRA**

This project is submitted to St. Joseph's College of Arts & Science  
(Autonomous), in partial fulfillment of the requirement for the degree of  
Bachelor of Science in Mathematics

By  
**R.HARINY**  
(A20MTEA26)

Under the Guidance of  
**Mrs.A.SAVITHA MARY, M.sc.,M.Phil.,**  
Assistant professor  
PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University)

Cuddalore - 607 001

November-2022



## CERTIFICATE

This is to certify that the project on "An Analysis of series and parallel connection in switching theory using Boolean Algebra" is a bonafide record of work done by R. HARINY (A20MTEA26) under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607 001, affiliated to Annamalai University, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE in MATHEMATICS.



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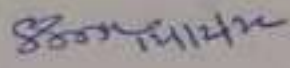
PROJECT GUIDE

A. SAVITHA MARY, M.Sc., M.Phil.,  
Assistant Professor of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607 001.

Place: Cuddalore

Date: 12.12.2022

EXAMINERS:

1. 

2. 

# THE USE OF TRIGONOMETRY IN THE BLOOD SPATTER

This project is submitted to St. Joseph's College of Arts & Science (Autonomous), in partial fulfillment of the requirement for the degree of Bachelor of Science in Mathematics

By  
**KAVIYASRI K**  
(A20MTEA27)

Under the Guidance of  
**Dr. JJON AROCKIARAJ**, M.Sc., M.Phil, B.Ed., PGDCA., Ph.D.,  
Vice Principal and The Head of the Department,  
PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University)

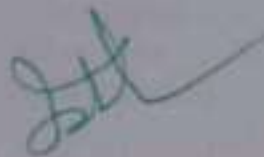
Cuddalore- 607 001

November-2022

## CERTIFICATE

---

This is to certify that the project on "THE USE OF TRIGONOMETRY IN THE BLOOD SPATTER" is a bonafide record of work done by KAVIYASRI K(A20MTEA27) under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607 001, affiliated to Thiruvalluvar University, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE in MATHEMATICS.



HEAD OF THE DEPARTMENT

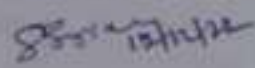


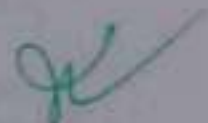
PROJECT GUIDE

Place: CUDDALORE

Date: 12.12.22

EXAMINERS:

1. 

2. 

## **QUEUEING THEORY**

This project is submitted to St. Joseph's College of Arts & Science  
(Autonomous), in partial fulfillment of the requirement for the degree of

**Bachelor of Science in Mathematics**

By

**G. PRIYANGA**

**(A20MTEA28)**

Under the Guidance of

**Dr.L.Jethruth Emelda mary, M.sc.,M.phil.,B.Ed.,Ph.d.,**  
**Assistant professor.**



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH' S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
**(Affiliated to Thiruvalluvar University)**

**Cuddalore- 607 003**


**November-2022**



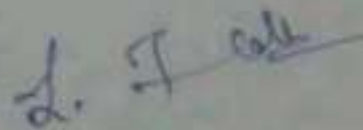
## CERTIFICATE

---

This is to certify that the project on "QUEUEING THEORY" is a bonafide record of work done by G. PRIYANGA(A20MTEA28), under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607 001, affiliated to Thiruvalluvar University, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE IN MATHEMATICS.



HEAD OF THE DEPARTMENT



PROJECT GUIDE

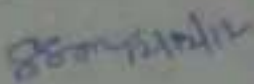
Dr.L.JETHRUTH EMELDA MARY,  
M.Sc. M.Phil. Ed.D. Ph.D.  
Assistant Professor in Mathematics  
St. Joseph's College of arts and Science  
Cuddalore - 607 001

Place: Cuddalore


Date: 12.12.2022

EXAMINERS:

1.



2.



# **SELECTING THE BEST SMARTPHONE AMONG FOUR DIFFERENT BRANDS**

This project is submitted to  
St. Joseph's College of Arts & Science (Autonomous), in partial  
Fulfillment of the requirement for the degree  
Bachelor of Science in Mathematics

By  
**V.GEETHA PRIYA**  
A20MTEA29

Under the Guidance of  
**Mrs. A. AROKIAMARY, M. Sc., MPhil, SET**  
Assistant Professor



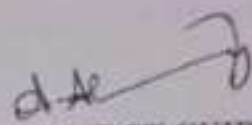
**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE**  
**(AUTONOMOUS)**  
**(Affiliated to Thiruvalluvar University)**  
**CUDDALORE 607001**  
**NOVEMBER-2022**

## CERTIFICATE

This is to certify that the project on is "SELECTING THE BEST PHONE AMONG FOUR DIFFERENT BRANDS " a bonafide record of work done by V.GEETHA PRIYA (A20MTEA29) under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous) Cuddalore - 607 001, affiliated to Thiruvalluvar University, Vellore ,in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE in MATHEMATICS.



HEAD OF THE DEPARTMENT



PROJECT GUIDE

A. AROKIA MARY, M.Sc., M.Phil.,

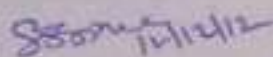
Assistant Professor,  
PG and Research Department of Mathematics,  
St. Joseph's College of Arts and Science (Autonomous),  
Manjakuppam, CUDDALORE - 607 001.

Place: Cuddalore

Date: 12.12.22

EXAMINERS:

1.



2.



# **"APPLICATION OF PASCAL'S TRIANGLE IN VARIOUS FIELD"**

This project is submitted to  
St. Joseph's College of Arts & Science (Autonomous), in partial  
Fulfillment of the requirement for the degree of  
Bachelor of Science in Mathematics

By  
**R. BHARATHI**  
(A20MTEA30)

Under the Guidance of  
**DR. L. JETHRUTH EMELDA MARY M. Sc, B. Ed, M. Phil., Ph. D.,**  
Assistant Professor



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE**  
**(AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University)


**CUDDALORE-607001**

**NOVEMBER-2022**

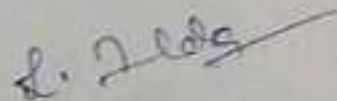


## CERTIFICATE

This is to certify that the project on it "APPLICATION OF PASCAL'S TRIANGLE IN  
VARIOUS FIELD" a bonafide record of work done by R. BHARATHI (A20MTEA30)  
under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the  
award of the degree of BACHELOR OF SCIENCE in MATHEMATICS.



HEAD OF THE DEPARTMENT



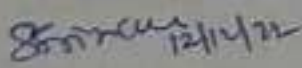
PROJECT GUIDE

Dr. L. JETHRUTH EMELDA MARY,  
M.Sc., M.Phil., B.Ed., Ph.D.,  
Assistant Professor in Mathematics  
St. Joseph's College of Arts and Science  
Cuddalore - 607 001.

Place: cuddalore

Date: 12.12.2022

EXAMINERS:

1.  12/12/22

2. 

# **APPLICATION OF TRANSPORTATION PROBLEM IN RAILWAYS**

This project is submitted to St. Joseph's College of Arts & Science  
(Autonomous), in partial fulfillment of the requirement for the degree of  
Bachelor of Science in Mathematics

By  
**Lihana sabiba. A**  
A20MTEA31

Under the Guidance of  
**Mrs. R. Padma Priya, M.sc.,M.Phil.,B.Ed.,PGDCA.,**  
PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH' S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University)

Cuddalore- 607 001

November-2022-2023

## CERTIFICATE

---

This is to certify that the project on "Application of transportation problem in railways" is a bonafide record of work done by Lihana Sahiba. A (A20MTEA31) under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607 001, affiliated to Thiruvalluvar University, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE in MATHEMATICS.



HEAD OF THE DEPARTMENT

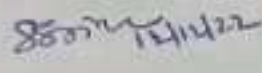
Place: Cuddalore

Date: 12/12/2022

  
PROJECT GUIDE

R. PADMA PRIYA B.Sc., M.A., M.Ed., P.G.D.A.  
Asst. Professor  
Department of Mathematics,  
St. Joseph's College of Arts & Science,  
Cuddalore.

EXAMINERS:

1. 

2. 

Lihana Sahiba. A (A20MTEA31)  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607 001

---

# **APPLICATION OF DIFFERENTIAL EQUATIONS**

This project is submitted to St. Joseph's College of Arts & Science  
(Autonomous), in partial fulfillment of the requirement for the degree of  
Bachelor of Science in Mathematics

By  
**S. SAKTHI SELVI**  
(A20MTEA33)

Under the Guidance of

**Dr. C. DEVI SHYAMALA MARY, M.Sc., B.Ed., M.Phil., Ph.D.,**

**Assistant Professor**

**PG & Research Department of Mathematics**



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University)

**Cuddalore – 607 001**

**November-2022**



## CERTIFICATE

This is to certify that the project on "APPLICATION OF DIFFERENTIAL EQUATIONS" is a bonafide record of work done by S. SAKTHI SELVI (A20MTEA33) under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE in MATHEMATICS.



HEAD OF THE DEPARTMENT




PROJECT GUIDE

Dr. C. DEVI SHYAMALANARY, M.Sc., B.Ed., M.Phil., Ph.D.,  
Assistant Professor,  
PG and Research Department of Mathematics,  
St. Joseph's College of Arts & Science,  
Cuddalore - 607 001.

Place: Cuddalore

Date: 12/12/2022

EXAMINERS:

1.  12/11/22

2. 

# **ALGORITHM FOR APPROXIMATION OF GASOLINE PRICE**

This project is submitted to St. Joseph's College of Arts & Science(Autonomous),  
in partial fulfilment of the requirement for the degree of  
Bachelor of Science in Mathematics

By  
**HAMSAVARTHAN.E.S**  
(A20MTEA34)

Under the Guidance of

**DR. J. JON AROCKIARAJ, M.Sc., M.Phil. , B.Ed., PGDCA., Ph.D.,**

Vice Principal & Head of Department,  
PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH' S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University)  
Cuddalore - 607 001

**NOVEMBER -2022**


## CERTIFICATE

---

This is to certify that the project on "**APPROXIMATION OF GASOLINE PRICE USING BACKWARD DIFFERENCE METHOD IN C LANGUAGE**" is a bonafide record of work done by **HAMSAVARTHANE.S (A20MTEA34)**, under my supervision and submitted to **St. Joseph's College of Arts & Science (Autonomous)**, Cuddalore – 607 001, affiliated to **Thiruvalluvar University, Vellore**, in partial fulfilment for the award of the degree of **BACHELOR OF SCIENCE in MATHEMATICS**.



HEAD OF THE DEPARTMENT

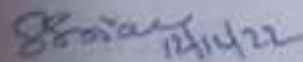


PROJECT GUIDE

Place: Cuddalore

Date: 12.12.2022

### EXAMINERS:

1.  17/12/22

2. 

# **APPLICATION OF LAPLACE TRANSFORM IN CRYPTOGRAPHY**

This project is submitted to St. Joseph's College of Arts & Science  
(Autonomous), in partial fulfillment of the requirement for the  
degree of

**BACHELOR OF SCIENCE IN MATHEMATICS**

By

**P. KALAIVANI**

**(A20MTEA35)**

Under the Guidance of

**Dr. J. JON AROCKIARAJ, M.Sc., M.Phil., B.Ed., PGDCA., Ph.D.,**

Vice Principal & Head of the Department



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University)  
**CUDDALORE-607 001**  
**NOVEMBER-2022**



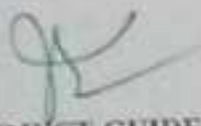
## CERTIFICATE

---

This is to certify that the project on "Application of Laplace Transform in Cryptography" is a bonafide record of work done by P. KALAIVANI (A20MTEA35) under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE IN MATHEMATICS.



HEAD OF THE DEPARTMENT

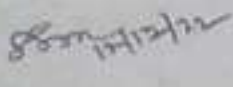


PROJECT GUIDE

Place: cuddalore

Date: 12/12/2022

Examiners

1. 

2. 

**STRUCTURAL AND MAGNETIC CHARACTERIZATION OF  
Cu-MgFe<sub>2</sub>O<sub>4</sub> and Cu-ZnFe<sub>2</sub>O<sub>4</sub> NANOPARTICLES**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**MASTER OF SCIENCE IN PHYSICS**

*Submitted by*  
**JAYACHANDRIKA J**  
(Reg. No: A21MPH07)

*Under the guidance of research supervisor*  
**Dr. M. SATHISH, M. Sc., B. Ed., M. Phil., Ph.D.,**  
**Assistant Professor,**



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE – 607 001**

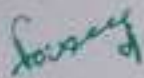
**MAY 2023**

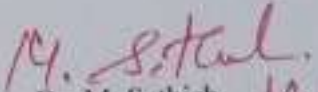
Dr. M. SATHISH, M. Sc., B. Ed., M. Phil., Ph.D.,  
Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

---

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "STRUCTURAL AND MAGNETIC CHARACTERISTION OF  $\text{Cu-MgFe}_2\text{O}_4$  and  $\text{Cu-ZnFe}_2\text{O}_4$  NANOPARTICLES" submitted by J. JAYACHANDRIKA (Roll No.A21MPH07) in partial fulfillment of the requirements for the award of the MASTER OF SCIENCE IN PHYSICS, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.

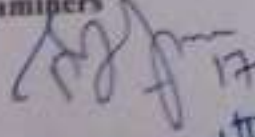
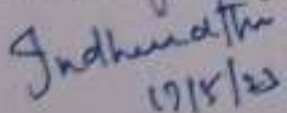
  
Rev. Fr. Dr. S. Xavier,  
COE & Head,  
PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

  
Dr. M. Sathish, 16.3.23,  
Assistant Professor,  
PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

---

#### Examiners

-  17.5.23
-  17/5/23

**LASER IRRADIATION-AIR PLASMA TREATMENT OF  
CUCUMBER SEEDS (CUCUMIS SATIVUS) FOR ENHANCED  
GROWTH & GERMINATION**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**MASTER OF SCIENCE IN PHYSICS**

*Submitted by*  
**R. ABINAYA**  
(Reg. No: A21MPH25)

*Under the guidance of research supervisor*  
**Dr. H. JUDE LEONARD HILARY, M. Sc., M. Ed., M. Phil., Ph. D.,**  
Assistant Professor,



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE - 607 001**

**APRIL, 2023**



**Dr. H. JUDE LEONARD HILARY, M. Sc., M. Ed., M. Phil., Ph. D.,**

Assistant Professor,

PG & Research Department of physics,

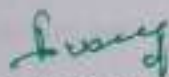
St. Joseph's College of Arts & Science (Autonomous),

Cuddalore-607 001.

---

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "LASER IRRADIATION-AIR PLASMA TREATMENT OF CUCUMBER SEEDS (CUCUMIS SATIVUS) FOR ENHANCED GROWTH & GERMINATION" submitted by **R. ABINAYA** (Roll No. A21MPH25) in partial fulfillment of the requirements for the award of the **MASTER OF SCIENCE IN PHYSICS, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2021-2023,** was done, during the period of her studies under my guidance.



Rev. Fr. Dr. S. Xavier,

COE & Head,

PG & Research Department of Physics,

St. Joseph's College of Arts & Science

(Autonomous), Cuddalore - 01.



Dr. H. Jude Leonard Hilary,

Assistant Professor,

PG & Research Department of Physics,

St. Joseph's College of Arts & Science

(Autonomous), Cuddalore - 01.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

---

#### Examiners

1. *Gnanumathi*  
17/5/23

2. *[Signature]*  
17.5.23

**FT-IR, RAMAN AND DFT STUDY OF  
3-BROMO-4-METHYLBENZOIC ACID AND ITS  
BIOLOGICAL ACTIVITY**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**MASTER OF SCIENCE IN PHYSICS**

*Submitted by*  
**ANUSHIYA M**  
(Reg. No: A21MPH03)

*Under the guidance of research supervisor*  
**Dr. M. MARIA JULIE, M. Sc., M. Phil., B.Ed., Ph.D.,**  
**Assistant Professor,**



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE – 607 001**

**MAY 2023**

Dr. M. MARIA JULIE, M. Sc., M. Phil., B.Ed., Ph.D.,  
Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

---

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "**FT-IR, RAMAN AND DFT STUDY OF 3-BROMO-4-METHYLBENZOIC ACID AND ITS BIOLOGICAL ACTIVITY**" submitted by **M. ANUSHIYA** (Roll No. A21MPH03) in partial fulfillment of the requirements for the award of the **MASTER OF SCIENCE IN PHYSICS**, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.



Rev. Fr. Dr. S. Xavier,  
COE & Head,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

  
17/5/23

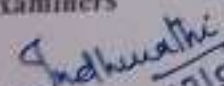
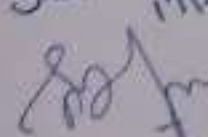
Dr. M. Maria Julie,  
Assistant Professor,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

---

#### Examiners

1.   
17/5/23
2.   
17.5.23

**THE EFFECT OF ATMOSPHERIC PLASMA TREATMENT  
ON TOMATO & FENUGREEK SEEDS – A COMPARATIVE  
INVESTIGATION OF IT'S ENHANCED GROWTH**

*Dissertation submitted to the*

*In partial fulfillment of the requirement for the award of the Degree of*  
**MASTER OF SCIENCE IN PHYSICS**

*Submitted by*

**M.REHANA**

**(Reg. No: A21MPH15)**

*Under the guidance of research supervisor*

**Dr. H. JUDE LEONARD HILARY, M. Sc., M. Ed., M. Phil., Ph. D.,**

**Assistant Professor,**



**POSTGRADUATE & RESEARCH DEPARTMENT OF PHYSICS  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(AFFILIATED TO ANNAMALAI UNIVERSITY)**

**CUDDALORE – 607 001**

**APRIL 2023**

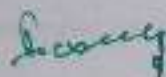


Dr. H. JUDE LEONARD HILARY, M. Sc., M. Ed., M. Phil., Ph. D.,  
Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

---

### BONAFIDE CERTIFICATE

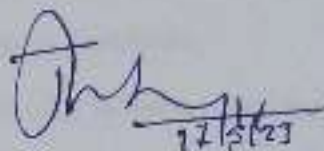
This is to certify that the project work entitled "THE EFFECT OF ATMOSPHERIC PLASMA TREATMENT ON TOMATO & FENUGREEK SEEDS - A COMPARATIVE INVESTIGATION OF ITS ENHANCED GROWTH" submitted by M.REHANA (Roll No.A21MPH15) in partial fulfillment of the requirements for the award of the MASTER OF SCIENCE IN PHYSICS, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2021-2023, was done, during the period of her studies under my guidance.



Rev. Fr. Dr. S. Xavier,

COE & Head,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.



Dr. H. Jude Leonard Hilary,

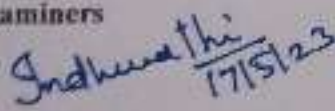
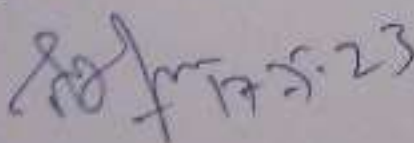
Assistant Professor,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

---

### Examiners

1.  17/5/23
2.  17.5.23

INVESTIGATING THE STRUCTURAL, MORPHOLOGICAL AND  
MAGNETIC PROPERTIES OF ZINC-DOPED  $\text{MnFe}_2\text{O}_4$  FERRITE  
SYNTHESIZED BY CO-PRECIIPITATION METHOD

*A dissertation submitted to*

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (Autonomous)

*Affiliated to*

**ANNAMALAI UNIVERSITY**

*in partial fulfillment for the award of the degree of*

MASTER OF SCIENCE

in

PHYSICS

*Submitted by*

C.RAMPRASATH (Roll No: A21MPH14)

V.YOBESHVER (Roll No: A21MPH22)

*Under the guidance of research supervisor*

**Dr. S. Sebastian, M.Sc, Ph.D.,**

ASSISTANT PROFESSOR

PG & RESEARCH DEPARTMENT OF PHYSICS.



ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE-607 001

**MAY-2023**

Dr. S. Sebastian, M.Sc, Ph.D.,  
Assistant Professor,  
PG & Research Department of Physics  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore – 607 001

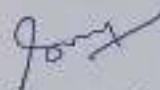
### BONAFIDE CERTIFICATE

This is to certify that the dissertation entitle “Investigating the Structural, Morphological and Magnetic Properties of Zinc-Doped  $\text{MnFe}_2\text{O}_4$  ferrite synthesized by co-precipitation method” is the bonafide record of research work done by C.RAMPRASATH, V.YOHESHER Roll No.(A21MPH14, A21MPH22) student of M.Sc.,(Physics) St. Joseph's College of Arts & Science (Autonomous), Cuddalore, during the period of 2022-2023 in partial fulfillment of the requirements for the award of the degree of MASTER OF SCIENCE IN PHYSICS.



Head of the department

Rev. Fr.Dr.S.Xavier  
Head of the Department,  
PG & Research  
Department of Physics  
St. Joseph's College of Arts  
and Science (Autonomous)  
Cuddalore-607 001.

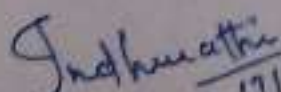


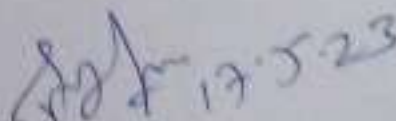
Internal Guide

Dr. S. Sebastian  
Assistant Professor,  
PG & Research  
Department of Physics,  
St. Joseph's College of Arts  
and Science (Autonomous)  
Cuddalore-607 001.

*Submitted to St. Joseph's College Of Arts And Science (Autonomous), Cuddalore at  
the viva-voice examination held on*

17-5-2023

  
Examiner: 1 17/5/23

  
Examiner: 2

**SYNTHESIS AND CHARACTERISATION OF  $\text{Li Ni Mn Co}_{0.25}\text{Fe}_{1.83}\text{O}_6$   
COMPOUND AS CATHODE MATERIAL FOR LITHIUM ION  
BATTERIES**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**MASTER OF SCIENCE IN PHYSICS**

*Submitted by*  
**T. SIVARANJINI**  
**(A21MPH26)**

*Under the guidance of research supervisor*  
**Dr. V. SATHANA M.Sc., M.Phil., PGDCA., Ph.D.,**  
**Assistant Professor,**



**POSTGRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO ANNAMALAI UNIVERSITY)**  
**CUDDALORE – 607 001**

**APRIL 2023**



Dr. V. SATHANA M.Sc., M.Phil., PGDCA., Ph.D.,  
Assistant Professor,

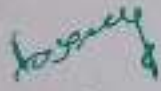
PG & Research Department of physics,

St. Joseph's College of Arts & Science (Autonomous),

Cuddalore-607 001.

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled **SYNTHESIS AND CHARACTERISATION OF  $\text{Li}_2 \text{Ni Mn Co}_{0.25} \text{Fe}_{1.83} \text{O}_6$  COMPOUND AS CATHODE MATERIAL FOR LITHIUM ION BATTERIES** submitted by **T.SIVARANJINI** (Roll No. A21MPH26) in partial fulfilment of the requirements for the award of the **MASTER OF SCIENCE IN PHYSICS**, **St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2021-2023**, was done, during the period of her studies under my guidance.

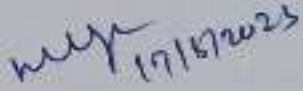
  
Rev. Fr. Dr. S. Xavier,

COE & Head,

PG & Research Department of Physics,

St. Joseph's College of Arts & Science

(Autonomous), Cuddalore - 01.

  
Dr. V. SATHANA,

Assistant Professor,

PG & Research Department of Physics,

St. Joseph's College of Arts & Science

(Autonomous), Cuddalore - 01.

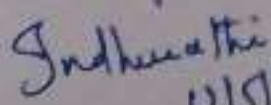
*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

### Examiners

1.

  
17-5-23

2.

  
11/5/23

**ELF, LOL AND DSC-TGA ANALYSIS OF  
2,4-DICHLORO-1-(2-PROPYNLOXY)BENZENE**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**MASTER OF SCIENCE IN PHYSICS**

*Submitted by*  
**ABINAYA A**  
(Reg. No: A21MPH01)

*Under the guidance of research supervisor*  
**Dr. S. SANGEETHA MARGREAT, M. Sc., M. Phil., Ph.D.,**  
**Assistant Professor,**



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE – 607 001**

**MAY 2023**

A. ABINAYA,

A21MPH01

PG & Research Department of physics,

St. Joseph's College of Arts & Science (Autonomous),

Cuddalore-607 001.

---

### DECLARATION

I hereby declare that the project entitled "ELF, LOL AND DSC-TGA ANALYSIS OF 2,4-DICHLORO-1-(2-PROPYNLOXY)BENZENE" submitted to St. Joseph's College of Arts & science (Autonomous), cuddalore, in partial fulfillment of the requirement of the Degree of Master of Science in Physics is a record of original project work done by me during the period of study, under the guidance of Dr. S. Sangeetha Margreat, M. Sc, M.Phil., Ph.D., Assistant Professor in Physics, St. Joseph's College of Arts & Science (Autonomous), Cuddalore.

I further declare that no part of this dissertation has been submitted elsewhere for the award of my other degree.

*A. Abinaya.*

Signature of the candidate

**SYNTHESIS AND CHARACTERISATION of  $\text{Li}_2\text{NiMnCo}_{0.5}\text{Fe}_1\text{O}_8$  COMPOUND AS CATHODE MATERIAL FOR LITHIUM ION BATTERIES**

*A dissertation submitted to*

**St. Joseph's College of Arts & Science (Autonomous),**

*In partial fulfillment of the requirement for the award of the degree of*

**MASTER OF SCIENCE IN PHYSICS**

*Submitted by*

**P.Charulatha**

**(A21MPH04)**

*Under the guidance of research supervisor*

**Dr. V. SATHANA., M.Sc., M.Phil., PGDCA., Ph.D.,**

**Assistant Professor,**



**PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore-607 001.**

**APRIL 2023**



Dr. V. SATHANA M.Sc., M.Phil., PGDCA., Ph.D.,  
Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore-607 001.

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "SYNTHESIS AND CHARACTERISATION OF  $\text{Li}_2 \text{Ni Mn Co}_{0.5} \text{Fe}_2 \text{O}_6$  COMPOUND AS CATHODE MATERIAL FOR LITHIUM ION BATTERIES" submitted by P.CHARULATHA (Roll No. A21MPH04) in partial fulfilment of the requirements for the award of the MASTER OF SCIENCE IN PHYSICS, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2021-2023, was done, during the period of her studies under my guidance.

*Sathana*  
Rev. Fr. Dr. S. XAVIER  
COE & Head,  
PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore-607 001.

*16/5/2023*  
Dr. V. SATHANA  
Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore-607 001.

Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at  
the Viva-Voice examination held on 17.5.2023

Examiners 1

*17.5.23*

*Indhuathi*  
Examiners 27/5/23

**EXPLORING THE STRUCTURAL AND MAGNETIC  
PROPERTIES OF  $\text{Cu-MgFe}_2\text{O}_4$ ,  $\text{Cu-ZnFe}_2\text{O}_4$ , and  $\text{Co-NiFe}_2\text{O}_4$   
NANOPARTICLES**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**MASTER OF SCIENCE IN PHYSICS**

*Submitted by*  
**SUSHMITHA B**  
(Reg. No: A21MPH20)

*Under the guidance of research supervisor*  
**Dr. M. SATHISH, M. Sc., B. Ed., M. Phil., Ph.D.,**  
**Assistant Professor,**



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE – 607 001**

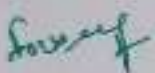
**MAY 2023**

Dr. M. SATHISH, M. Sc., B. Ed., M. Phil., Ph.D.,  
Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.


---

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "EXPLORING THE STRUCTURAL AND MAGNETIC PROPERTIES OF  $\text{Cu-MgFe}_2\text{O}_4$ ,  $\text{Cu-ZnFe}_2\text{O}_4$ , and  $\text{Co-NiFe}_2\text{O}_4$  NANOPARTICLES" submitted by B. SUSHMITHA (Roll No.A21MPH20) in partial fulfillment of the requirements for the award of the MASTER OF SCIENCE IN PHYSICS, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.

  
Rev. Fr. Dr. S. Xavier,  
COE & Head,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

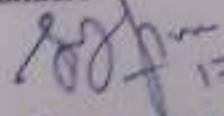
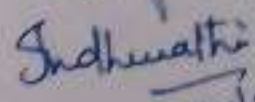
  
Dr. M. Sathish, 16.5.23.  
Assistant Professor,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

---

#### Examiners

-   
17.5.23
-   
17/5/23

**COMPUTATIONAL ANALYSIS OF 4-(4-(4, 5-dihydro-5-(4-(methylthio)phenyl)-1H-pyrazol-3yl) phenyl) morpholine molecule.**

*A dissertation submitted to*

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (Autonomous)**

*Affiliated to*

**ANNAMALAI UNIVERSITY**

*in partial fulfillment for the award of the degree of*

**MASTERS OF SCIENCE**

**In**

**PHYSICS**

*Submitted by*

**Mr. R. HESI SHARON**

**ROLL. NO: A21MPH06**

*Under the guidance of research supervisor*

**Rev. Fr. Dr. S. Xavier, M.Sc., B.Ed., M.Phil., Ph.D.,**

**CONTROLLER OF EXAMINATIONS**

**HEAD OF THE DEPARTMENT**



**PG & Research Department of Physics,**

**St. Joseph's College of Arts & Science (Autonomous)**

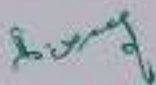
**Cuddalore-607 001**

**MAY - 2023**



### BONAFIDE CERTIFICATE

This is to certify that the dissertation entitle "Computational analysis of 4-(4-(4, 5-dihydro-5-(4-(methylthio) phenyl)-1H-pyrazol-3yl) phenyl) morpholine molecule." is the bonafide record of Project work done by Mr. R. HESI SHARON (ROLL.NO: A21MPH06) student of M.Sc., (Physics) St. Joseph's College of Arts & Science (Autonomous), Cuddalore, during the period of 2021-2023 in partial fulfilment of the requirements for the award of the degree of **MASTERS OF SCIENCE IN PHYSICS**.



**Head of the department**

**Rev. Fr. Dr. S. XAVIER**

Head of the Department,

PG & Research

Department of Physics

St. Joseph's College of Arts and sciences

(Autonomous) Cuddalore 607001



**Internal guide**

**Rev. Fr. Dr. S. XAVIER**

Head of the Department

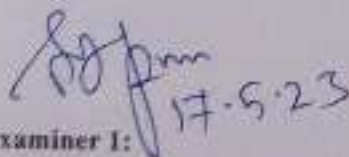
PG & Research

Department of Physics,

St. Joseph's College of Arts and Science

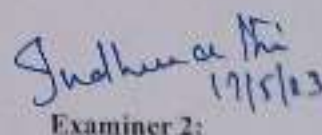
(Autonomous) Cuddalore 607001.

*Submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore at the viva-voce examination held on 17-05-2023*



17.5.23

**Examiner 1:**



17/5/23

**Examiner 2:**

**SYNTHESIS AND CHARACTERISATION OF  $\text{Li}_2\text{NiMnCo}_{0.75}\text{Fe}_{1.5}\text{O}_6$  COMPOUND AS CATHODE MATERIAL FOR LITHIUM ION BATTERIES**

A dissertation submitted to

**St. Joseph's College of Arts and Science (Autonomous)**

In partial fulfillment of the requirements for the award of the degree of

**MASTER OF SCIENCE IN PHYSICS**

Submitted by

**E. POONGUZHALI**

(Roll No: A21MPH12)

Under the supervision & guidance of

**Dr. V. SATHANA, M.Sc., PGDCA., M.Phil., Ph.D.,**

Assistant professor

PG & Research Department of Physics



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**


**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

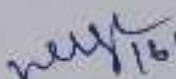
**CUDDALORE-607 001**

**APRIL-2023**

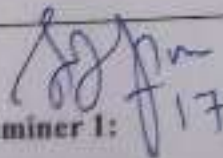
## BONAFIDE CERTIFICATE

This is to certify that the dissertation entitle "Synthesis and characterisation of  $\text{Li}_2\text{Ni Mn Co}_{0.75}\text{Fe}_{1.5}\text{O}_6$  Compound as cathode material for Lithium ion Batteries" is the bonafide record of Project work done by Ms. E. Poonguzhali (Roll No. A21MPH12) student of M.Sc.(Physics) St. Joseph's College of Arts & Science (Autonomous), Cuddalore, during the period of 2021-2023 in partial fulfillment of the requirements for the award of the degree of **MASTER OF SCIENCE IN PHYSICS.**

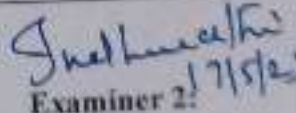
  
**Rev. Fr. S. XAVIER,**  
**Head of the Department**  
PG & Research Department of Physics  
St. Joseph's College of Arts and  
Science (Autonomous)  
Cuddalore-607001.

  
**Dr. V. SATHANA,**  
**Assistant Professor in Physics**  
PG & Research Department of Physics  
St. Joseph's College of Arts and  
Science (Autonomous)  
Cuddalore-607001.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the  
viva-voice examination held on 17-05-2023*

  
Examiner 1:

17.5.23

  
Examiner 2:

17/5/23

**FT-IR, RAMAN AND DFT STUDY OF  
3-BROMO-4-METHYLBENZOIC ACID AND ITS  
BIOLOGICAL ACTIVITY**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**MASTER OF SCIENCE IN PHYSICS**

*Submitted by*  
**RUBASHREE R**  
(Reg. No: A21MPH23)

*Under the guidance of research supervisor*  
**Dr. M. MARIA JULIE, M. Sc., M. Phil., B.Ed., Ph.D.,**  
**Assistant Professor,**



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE – 607 001**

**MAY 2023**



Dr. M. MARIA JULIE, M. Sc., M. Phil., B.Ed., Ph.D.,

Assistant Professor,

PG & Research Department of physics,

St. Joseph's College of Arts & Science (Autonomous),

Cuddalore-607 001.

---

### BONAFIDE CERTIFICATE

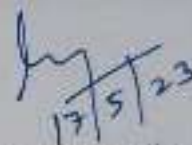
This is to certify that the project work entitled "**FT-IR, RAMAN AND DFT STUDY OF 3-BROMO-4-METHYLBENZOIC ACID AND ITS BIOLOGICAL ACTIVITY**" submitted by **R. RUBASHREE** (Roll No.A21MPH23) in partial fulfillment of the requirements for the award of the **MASTER OF SCIENCE IN PHYSICS**, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.



Rev. Fr. Dr. S. Xavier,

COE & Head,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.



Dr. M. Maria Julie,

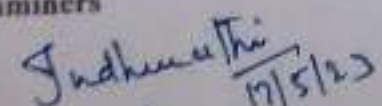
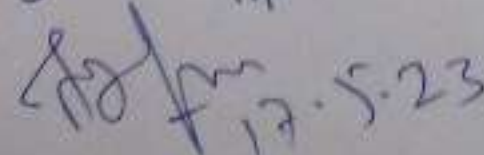
Assistant Professor,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

---

#### Examiners

1.  17/5/23
2.  17.5.23

**Cu-MgFe<sub>2</sub>O<sub>4</sub> AND Co-NiFe<sub>2</sub>O<sub>4</sub> NANOPARTICLES: A  
COMPARATIVE STUDY OF STRUCTURAL AND  
MAGNETIC PROPERTIES**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**MASTER OF SCIENCE IN PHYSICS**

*Submitted by*  
**SOBIKA J**  
(Reg. No: A21MPH18)

*Under the guidance of research supervisor*  
**Dr. M. SATHISH, M. Sc., B. Ed., M. Phil., Ph.D.,**  
**Assistant Professor,**



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE – 607 001**

**MAY 2023**

**J. SOBIKA,**

**A21MPH18**

PG & Research Department of physics,

St. Joseph's College of Arts & Science (Autonomous),

Cuddalore-607 001.

---

### **DECLARATION**

I hereby declare that the project entitled "**Cu-MgFe<sub>2</sub>O<sub>4</sub> AND Co-NiFe<sub>2</sub>O<sub>4</sub> NANOPARTICLES: A COMPARATIVE STUDY OF STRUCTURAL AND MAGNETIC PROPERTIES**" submitted to St. Joseph's College of Arts & science (Autonomous), cuddalore, in partial fulfillment of the requirement of the Degree of Master of Science in Physics is a record of original project work done by me during the period of study, under the guidance of **Dr. M. Sathish, M. Sc, B. Ed., M.Phil., Ph.D.,** Assistant Professor in Physics, St. Joseph's College of Arts & Science (Autonomous),Cuddalore.

I further declare that no part of this dissertation has been submitted elsewhere for the award of my other degree.

*J. Sobika*  
Signature of the candidate

**COMPARATIVE ANALYSIS OF  $\text{Co-NiFe}_2\text{O}_4$  AND  
 $\text{Cu-ZnFe}_2\text{O}_4$  NANOPARTICLES: SYNTHESIS,  
CHARACTERIZATION, AND POTENTIAL APPLICATIONS**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**MASTER OF SCIENCE IN PHYSICS**

*Submitted by*  
**ROJA A**  
(Reg. No: A21MPH16)

*Under the guidance of research supervisor*  
**Dr. M. SATHISH, M. Sc., B. Ed., M. Phil., Ph.D.,**  
**Assistant Professor.**



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE - 607 001**

**MAY 2023**

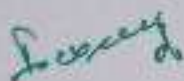


Dr. M. SATHISH, M. Sc., B. Ed., M. Phil., Ph.D.,  
Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

---

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "COMPARATIVE ANALYSIS OF  $\text{Co-NiFe}_2\text{O}_4$  AND  $\text{Cu-ZnFe}_2\text{O}_4$  NANOPARTICLES: SYNTHESIS, CHARACTERIZATION, AND POTENTIAL APPLICATIONS" submitted by A. ROJA (Roll No.A21MPH16) in partial fulfillment of the requirements for the award of the MASTER OF SCIENCE IN PHYSICS, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.

  
Rev. Fr. Dr. S. Xavier,

COE & Head,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

  
Dr. M. Sathish, 16.5.23.

Assistant Professor,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

---

#### Examiners

1. 

2. 

17.5.23  
19/5/23

A. ROJA,

A21MPH16

PG & Research Department of physics,

St. Joseph's College of Arts & Science (Autonomous),

Cuddalore-607 001.

---

### DECLARATION

I hereby declare that the project entitled "**COMPARATIVE ANALYSIS OF Co-NiFe<sub>2</sub>O<sub>4</sub> AND Cu-ZnFe<sub>2</sub>O<sub>4</sub> NANOPARTICLES: SYNTHESIS, CHARACTERIZATION, AND POTENTIAL APPLICATIONS**" submitted to St. Joseph's College of Arts & science (Autonomous), cuddalore, in partial fulfillment of the requirement of the Degree of Master of Science in Physics is a record of original project work done by me during the period of study, under the guidance of **Dr. M. Sathish, M. Sc, B. Ed., M.Phil., Ph.D.**, Assistant Professor in Physics, St. Joseph's College of Arts & Science (Autonomous),Cuddalore.

I further declare that no part of this dissertation has been submitted elsewhere for the award of my other degree.

*A. Roja*  
Signature of the candidate

**SYNTHESIS AND CHARACTERIZATION OF  
 $\text{Li}_2\text{NiMnCoFe}_{43}\text{O}_6$  COMPOUND AS CATHODE MATERIAL  
FOR LITHIUM ION BATTERIES**

A dissertation submitted to

**St. Joseph's College of Arts and Science (Autonomous)**

In partial fulfillment of the requirements for the award of the degree of

**MASTER OF SCIENCE IN PHYSICS**

Submitted by

**C AROCKIA ATCHAYA**

(Roll No: A21MPH24)

Under the supervision & guidance of

**Dr. V. SATHANA, M.Sc., PGDCA., M.Phil., Ph.D.,**

Assistant professor

PG & Research Department of Physics



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607 001**

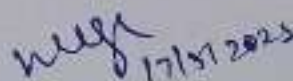
**APRIL-2023**

## BONAFIDE CERTIFICATE

This is to certify that the dissertation entitle "SYNTHESIS AND CHARACTERISATION  $\text{Li}_2\text{NiMnCoFe}_{4/3}\text{O}_6$  COMPOUND AS CATHOD MATERIAL LITHIUM ION BATTERIES " is the bonafide record of Project workdone by Ms. C.AROCKIA ATCHAYA (Roll No. A21MPH24) student of M.Sc.(Physics) St. Joseph's College of Arts & Science (Autonomous), Cuddalore, during the period of 2021-2023 in partial fulfillment of the requirements for the award of the degree of MASTER OF SCIENCE IN PHYSICS.

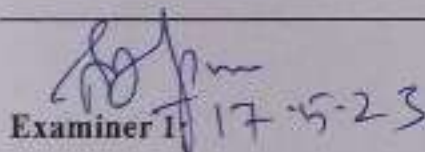


Rev. Fr. S. XAVIER,  
Head of the Department  
PG & Research Department of Physics  
St. Joseph's College of Arts and  
Science (Autonomous)  
Cuddalore-607001.

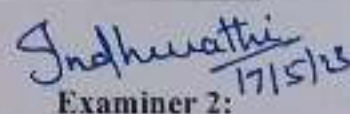


Dr. V. SATHANA,  
Assistant Professor in Physics  
PG & Research Department of Physics  
St. Joseph's College of Arts and  
Science (Autonomous)  
Cuddalore-607001.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the  
viva-voice examination held on 17-05-2023*



Examiner 1: 17-5-23



Examiner 2: 17/5/23



**SYNTHESIS, STRUCTURAL AND MAGNETIC PROPERTIES  
OF  $\text{BaFe}_2\text{O}_4$  (BARIUM DOPPED FERRIC CHLORIDE)  
NANOPARTICLE BY GREEN SYNTHESIS METHOD**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**MASTER OF SCIENCE IN PHYSICS**

*Submitted by*  
**RAJESH KUMAR J**  
(Reg. No: A21MPH13)

*Under the guidance of research supervisor*  
**Dr. K. ELAYAKUMAR, M. Sc., M. Ed., Ph.D.,**  
Assistant Professor,



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
(AFFILIATED TO ANNAMALAI UNIVERSITY)  
CUDDALORE – 607 001


**MAY 2023**

Dr. K. Elayakumar, M. Sc., M. Ed., Ph. D.,  
Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

---


### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "SYNTHESIS, STRUCTURAL AND MAGNETIC PROPERTIES OF  $\text{BaFe}_2\text{O}_4$  (BARIUM DOPPED FERRIC CHLORIDE) NANOPARTICLE BY GREEN SYNTHESIS METHOD" submitted by **J. RAJESH KUMAR** (Roll No.A21MPH13) in partial fulfillment of the requirements for the award of the **MASTER OF SCIENCE IN PHYSICS**, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.

  
Rev. Fr. Dr. S. Xavier,

COE & Head,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

  
Dr. K. Elayakumar,


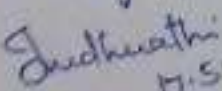
Assistant Professor,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

---

#### Examiners

-   
1. 17.5.23
-   
2. 17.5.23.

COMPUTATIONAL ANALYSIS OF 4-(4-(4,5-dihydro-3-(4-morpholinophenyl)-1H-pyrazol-5-yl)-N,N-dimethylbenzeneamine molecule.

*A dissertation submitted to*

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (Autonomous)

*Affiliated to*

ANNAMALAI UNIVERSITY

*in partial fulfillment for the award of the degree of*

MASTERS OF SCIENCE

**In**

**PHYSICS**

*Submitted by*

Mr. N. MOHAN

ROLL. NO: A21MPH11

*Under the guidance of research supervisor*

Rev. Fr. Dr. S. Xavier, M.Sc., B.Ed., M.Phil., Ph.D.,

CONTROLLER OF EXAMINATIONS

HEAD OF THE DEPARTMENT



PG & Research Department of Physics,

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore-607 001

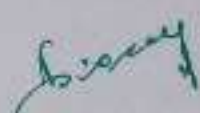
**MAY - 2023**

## BONAFIDE CERTIFICATE

This is to certify that the dissertation entitle "Computational analysis 4-(4-(4,5-dihydro-3-(4-morpholinophenyl)-1H-pyrazol-5-yl)-N,N-dimethylbenzeneamine molecule." is the bonafide record of Project work done by Mr. N. MOHAN (ROLL.NO: A21MPH11) student of M.Sc., (Physics) St. Joseph's College of Arts & Science (Autonomous), Cuddalore, during the period of 2021-2023 in partial fulfilment of the requirements for the award of the degree of **MASTERS OF SCIENCE IN PHYSICS**.



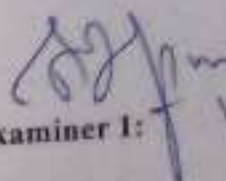
Head of the department  
Rev. Fr. Dr. S. XAVIER  
Head of the Department,  
PG & Research  
Department of Physics  
St. Joseph's College of Arts and sciences  
(Autonomous) Cuddalore 607001

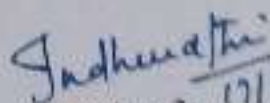


Internal guide  
Rev. Fr. Dr. S. XAVIER  
Head of the Department  
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Department of Physics,  
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(Autonomous) Cuddalore 607001.

*Submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore at the viva-voice examination held on 17-05-2023*

Examiner 1:

  
17.5.23

Examiner 2:   
17/5/23



**FABRICATION, STRUCTURAL AND MAGNETIC  
PROPERTIES OF  $\text{CuFe}_2\text{O}_4$  (COPPER DOPPED FERRIC  
CHLORIDE) NANOPARTICLE BY GREEN SYNTHESIS  
METHOD**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**MASTER OF SCIENCE IN PHYSICS**

*Submitted by*  
**KEERTHIVASAN K**  
(Reg. No: A21MPH09)

*Under the guidance of research supervisor*  
**Dr. K. ELAYAKUMAR, M. Sc., M. Ed., Ph.D.,**  
Assistant Professor,



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
(AFFILIATED TO ANNAMALAI UNIVERSITY)  
CUDDALORE – 607 001


**MAY 2023**

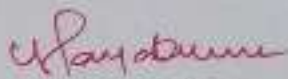
Dr. K. Elayakumar, M. Sc., M. Ed., Ph. D.,  
Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

---

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "**FABRICATION, STRUCTURAL AND MAGNETIC PROPERTIES OF  $\text{CuFe}_2\text{O}_4$  (COPPER DOPPED FERRIC CHLORIDE) NANOPARTICLE BY GREEN SYNTHESIS METHOD**" submitted by **K. KEERTHIVASAN** (Roll No. A21MPH09) in partial fulfillment of the requirements for the award of the **MASTER OF SCIENCE IN PHYSICS**, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.

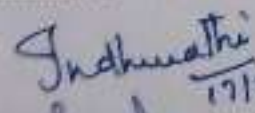
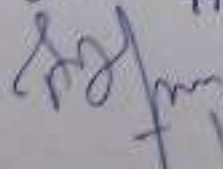
  
Rev. Fr. Dr. S. Xavier,  
COE & Head,  
PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

  
Dr. K. Elayakumar,  
Assistant Professor,  
PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

---

#### Examiners

1.   
17/5/23
2.   
17.5.23

**AIM AND MOLECULAR DOCKING STUDIES OF  
2,4-DICHLORO-1-(2-PROPYNYOXY)BENZENE**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**MASTER OF SCIENCE IN PHYSICS**

*Submitted by*  
**VETRISELVI K**  
(Reg. No: A21MPH21)

*Under the guidance of research supervisor*  
**Dr. S. SANGEETHA MARGREAT, M. Sc., M. Phil., Ph.D.,**  
*Assistant Professor,*



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(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)  
CUDDALORE - 607 001

**MAY 2023**

**Dr. S. SANGEETHA MARGREAT, M. Sc., M. Phil., Ph.D.,**  
Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

---


### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "AIM AND MOLECULAR DOCKING STUDIES OF 2,4-DICHLORO-1-(2-PROPYNLOXY)BENZENE" submitted by **K. VETRISELVI** (Roll No.A21MPH21) in partial fulfillment of the requirements for the award of the **MASTER OF SCIENCE IN PHYSICS, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023**, was done, during the period of her studies under my guidance.



Rev. Fr. Dr. S. Xavier,  
COE & Head,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.



Dr. S. Sangeetha Margreat,

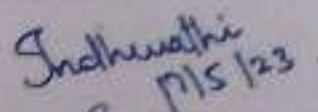
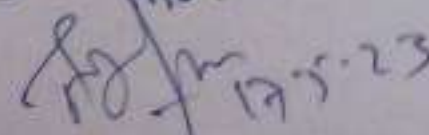
Assistant Professor,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

---

#### Examiners

1.  17/5/23.
2.  17/5/23



**RDG AND THERMOCHEMISTRY ANALYSIS OF  
2,4-DICHLORO-1-(2-PROPYNYOXY)BENZENE**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**MASTER OF SCIENCE IN PHYSICS**

*Submitted by*  
**DIVYADHARSHINI S**  
(Reg. No: A21MPH05)

*Under the guidance of research supervisor*  
**Dr. S. SANGEETHA MARGREAT, M. Sc., M. Phil., Ph.D.,**  
**Assistant Professor,**



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)  
CUDDALORE – 607 001

**MAY 2023**

Dr. S. SANGEETHA MARGREAT, M. Sc., M. Phil, Ph.D.,

Assistant Professor,

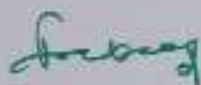
PG & Research Department of physics,

St. Joseph's College of Arts & Science (Autonomous),

Cuddalore-607 001.

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "RDG AND THERMOCHEMISTRY ANALYSIS OF 2,4-DICHLORO-1-(2-PROPYNLOXY)BENZENE" submitted by S. DIVYADHARSHINI (Roll No.A21MPH05) in partial fulfillment of the requirements for the award of the MASTER OF SCIENCE IN PHYSICS, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.



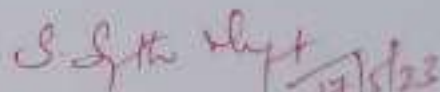
Rev. Fr. Dr. S. Xavier,

COE & Head,

PG & Research Department of Physics,

St. Joseph's College of Arts & Science

(Autonomous), Cuddalore - 01.



Dr. S. Sangeetha Margreat,

Assistant Professor,

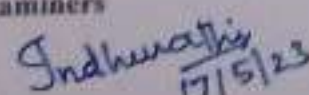
PG & Research Department of Physics,

St. Joseph's College of Arts & Science

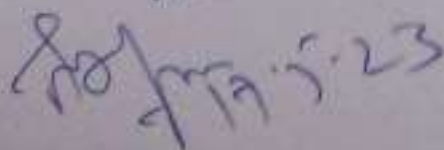
(Autonomous), Cuddalore - 01.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

#### Examiners

1.  17/5/23

2.

 17/5/23

**The Impact of Cation distribution on the structural and  
magnetic properties of  $\text{Mn}_{0.5}\text{Zn}_{0.5+x}\text{Fe}_{2-x}\text{O}_4$  nanoferrites**

*A Dissertation Submitted to the*

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In Partial Fulfillment of the Requirement for the Award of the Degree of*

**MASTER OF SCIENCE IN PHYSICS**

*Submitted by*

**N. MANIKANDAN (A21MPH10)**

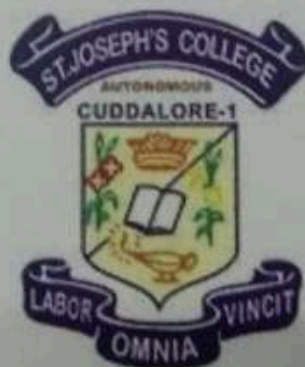
**K. SRINIVASAN (A21MPH19)**

*Under the Supervision and Guidance of*

**Dr. R. SAGAYARAJ, M.Sc., M.Phil., B.Ed., PhD.,**

*Assistant Professor*

**PG & RESEARCH DEPARTMENT OF PHYSICS**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(AFFILIATED TO ANNAMALAI UNIVERSITY)**

**CUDDALORE – 607 001**

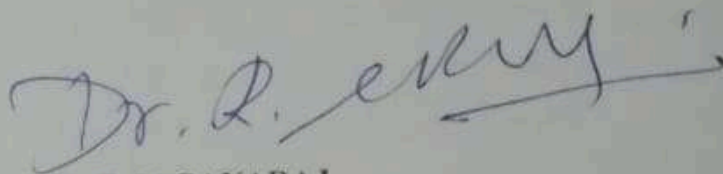
**APRIL – 2023**

## CERTIFICATE

This is to certify that this report entitled "The Impact of Cation distribution on the structural and magnetic properties of non-stoichiometric  $\text{Mn}_{0.5}\text{Zn}_{0.5}\text{Fe}_{2-x}\text{O}_4$  nanoferrites" is a bonafide record of the project Work done by N.MANIKANDAN (A21MPH10) K.SRINIVASAN (A21MPH19) during the year 2020-23 in partial fulfillment of the award of the Degree of MASTER OF SCIENCE IN PHYSICS.



Rev. Fr. Dr.S. XAVIER  
Assistant Professor & Head  
Department of Physics



Dr.R.SAGAYARAJ  
Assistant Professor  
Department of Physics

*Submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore at the Viva-Voce Examination held on*

17.05.2023

EXAMINER:1

EXAMINER: 2



**STIMULATORY EFFECTS OF LOW POWER LASER  
IRRADIATION & PLASMA TREATMENT ON MUNG BEAN  
(VIGNA RADIATA L.) SEEDS**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**MASTER OF SCIENCE IN PHYSICS**

*Submitted by*  
**K. KALAIVANI**  
**(Reg. No: A21MPH08)**

*Under the guidance of research supervisor*  
**Dr. H. JUDE LEONARD HILARY, M. Sc., M. Ed., M. Phil., Ph. D.,**  
**Assistant Professor,**



**POSTGRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE – 607 001**

**APRIL 2023**

Dr. H. JUDE LEONARD HILARY, M. Sc., M. Ed., M. Phil., Ph. D.,

Assistant Professor,

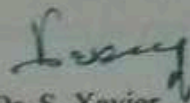
PG & Research Department of physics,

St. Joseph's College of Arts & Science (Autonomous),

Cuddalore-607 001.

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "STIMULATORY EFFECTS OF LOW POWER LASER IRRADIATION & PLASMA TREATMENT ON MUNG BEAN (VIGNA RADIATA L.) SEEDS" submitted by KALAIVANIK (Roll No A21MPH08) in partial fulfillment of the requirements for the award of the MASTER OF SCIENCE IN PHYSICS, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2021-2023, was done, during the period of her studies under my guidance.



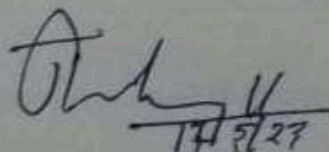
Rev. Fr. Dr. S. Xavier,

COE & Head,

PG & Research Department of Physics,

St. Joseph's College of Arts & Science

(Autonomous), Cuddalore - 01.



Dr. H. Jude Leonard Hilary,

Assistant Professor,

PG & Research Department of Physics,

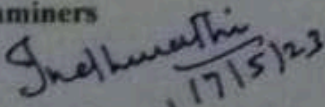
St. Joseph's College of Arts & Science

(Autonomous), Cuddalore - 01.

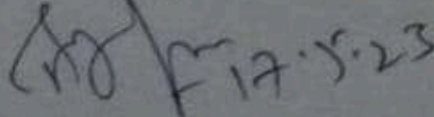
*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

#### Examiners

- 1.
- 2.



17/5/23



17.5.23

**A Mini Project Report**  
**Dissertation Submitted to the**  
**St. Joseph's College of Arts and Science**  
**In Partial Fulfillment of Requirement for the Award Degree of**  
**Bachelor of Science in Physics**

**Submitted by**

**A20PHD26**

**A20PHD27**

**A20PHD54**

**Under the guidance of research supervisor**

**Dr.H.Jude Leonard Hilary, M.Sc, M.Ed, M.Phil,Ph.D....**

**Assistant Professor**



**Post Graduate and Research Department of Physics**  
**St. Joseph's College of Arts and Science ( Autonomous )**  
**(Affiliated to Thiruvalluvar university) Cuddalore-607001**



Dr. H. JUDE LEONARD HILARY, M.Sc, M.Ed, M.Phil, Ph.D.,  
Assistant Professor,  
PG Research and Department of Physics,  
St. Joseph's College of Arts and Science (Autonomous)  
Cuddalore -607001

### Bonafied Certificate

This is to certify that the project work entitled "Telescope "submitted by  
RAJESH R, DHANUSH THANGAVEL S, ABILASH S(ROLL NO :  
A20PHD26, A20PHD27, A20PHD54) in partial fulfillment of the requirements  
for the award of the bachelor of science in physics, St. Joseph' s college of  
arts and science (autonomous), Cuddalore 607001 ,2022-2023 was done  
during the period of his study under my guidance.

REV. FR. DR.S. Xavier,

Coe & Head,  
PG and Research Department of Physics,  
St. Joseph's College of Arts and Science  
(Autonomous) Cuddalore

Dr . H. Jude Leonard Hilary

Assistant Professor  
PG Research Department of Physics  
St. Joseph's College of Arts and Science  
( Autonomous ) cuddalore

*Submitted to St. Joseph's College of Arts and Science (Autonomous) cuddalore at  
Viva Voice examination held on*

Examiners

- 1
- 2



**STRUCTURAL AND CHARACTERIZATION OF Cu-MgFe<sub>2</sub>O<sub>4</sub>  
and Cu-ZnFe<sub>2</sub>O<sub>4</sub> NANOPARTICLES**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*  
**IYYAPPAN V**  
(Reg. No: A20PHD51)

*Under the guidance of research supervisor*  
**Dr. M. SATHISH, M. Sc., B. Ed., M. Phil., Ph.D.,**  
**Assistant Professor,**



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
(AFFILIATED TO THIRUVALLEVAR UNIVERSITY)  
**CUDDALORE – 607 001**


**MAY 2023**

Dr. M. SATHISH, M. Sc., B. Ed., M. Phil., Ph.D.,  
Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

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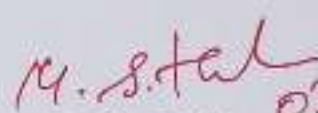
### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "STRUCTURAL AND CHARACTERISATION OF  $\text{Cu-MgFe}_2\text{O}_4$  and  $\text{Cu-ZnFe}_2\text{O}_4$  NANOPARTICLES" submitted by V. IYYAPPAN (Roll No.A20PHD51) in partial fulfillment of the requirements for the award of the BACHELOR OF SCIENCE IN PHYSICS, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.

  
Rev. Fr. Dr. S. Xavier,

COE & Head,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

  
Dr. M. Sathish,

Assistant Professor,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

---

#### Examiners

- 
-

# **EARTHQUAKE DETECTOR**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*  
**NAVEENKUMAR N**  
(Reg. No: A20PHD32)

*Under the guidance of research supervisor*  
**Dr. M. MARIA JULIE, M. Sc., M. Phil., B.Ed., Ph.D.,**  
*Assistant Professor,*



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
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**CUDDALORE – 607 001**

**MAY 2023**

Dr. M. MARIA JULIE, M. Sc., M. Phil., B.Ed., Ph.D.,  
Assistant Professor,  
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St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

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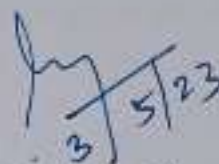
### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "**EARTHQUAKE DETECTOR**" submitted by **N. NAVEENKUMAR** (Roll No.A20PHD32) in partial fulfillment of the requirements for the award of the **BACHELOR OF SCIENCE IN PHYSICS**, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.



Rev. Fr. Dr. S. Xavier,  
COE & Head,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.



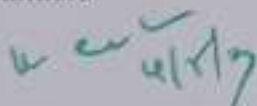
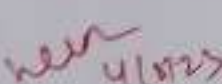
Dr. M. Maria Julie,  
Assistant Professor,

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St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

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#### Examiners

1. 
2. 



# EARTHQUAKE DETECTOR

*Dissertation submitted to the*

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

*In partial fulfillment of the requirement for the award of the Degree of*  
BACHELOR OF SCIENCE IN PHYSICS

*Submitted by*

SATHISHKUMAR S

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*Under the guidance of research supervisor*

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MAY 2023

Dr. M. MARIA JULIE, M. Sc., M. Phil., B.Ed., Ph.D.,  
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St. Joseph's College of Arts & Science (Autonomous),  
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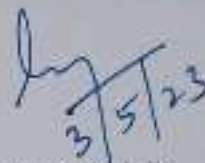
### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "**EARTHQUAKE DETECTOR**" submitted by **S. SATHISHKUMAR** (Roll No.A20PHD36) in partial fulfillment of the requirements for the award of the **BACHELOR OF SCIENCE IN PHYSICS**, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.



Rev. Fr. Dr. S. Xavier,  
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Dr. M. Maria Julie,  
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(Autonomous), Cuddalore - 01.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

---

#### Examiners

1. 
2. 

# **LIGHT DEPENDING RECEIVING (LDR) SECURITY ALARM SYSTEM**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*  
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(Reg. No: A20PHD55)

*Under the guidance of research supervisor*  
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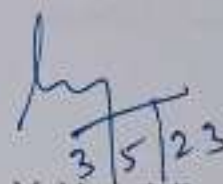
### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "**LIGHT DEPENDING RECEIVING (LDR) SECURITY ALARM SYSTEM**" submitted by **R. SANTHAKUMAR** (Roll No.A20PHD55) in partial fulfillment of the requirements for the award of the **BACHELOR OF SCIENCE IN PHYSICS**, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.



Rev. Fr. Dr. S. Xavier,  
COE & Head,

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(Autonomous), Cuddalore - 01.



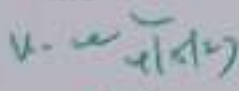
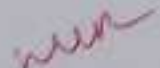
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*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

---

#### Examiners

1. 
2. 



# **VIBRATIONAL ANALYSIS OF 5-CHLORODIBENZOSUBERANE**

**A dissertation submitted to the**

**ST. JOSEPH 'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),  
CUDDALORE.**

**In partial fulfilment of the requirement for the award of the degree of**

**BACHELOR OF SCIENCE IN PHYSICS**

**Submitted by**

**SIBI A  
(Reg. No: A20PHD40)**

**Under the supervision and Guidance of**

**Dr. S. SANGEETHA MARGREAT., M.Sc., M.Phil., Ph.D.,  
Assistant Professor**



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(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**CUDDALORE – 607001**

**MAY 2023**

**CERTIFICATE**

This is to certify that this report entitled "**VIBRATIONAL  
ANALYSIS OF**

**5-CHLORODIBENZOSUBERANE**

is a record of the project work done by **A. SIBI(A20PHD40)**, during the year  
2020-2023 in partial fulfilment of the award of the Degree of **BACHELOR OF  
SCIENCE IN PHYSICS** at **ST. JOSEPH 'S COLLEGE OF ARTS AND  
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**Rev. Fr. S. XAVIER,**

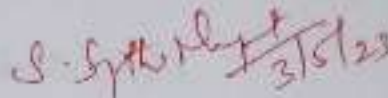
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Cuddalore- 607001.



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SUBMITTED TO ST. JOSEPH 'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),  
CUDDALORE at the VIVA – VOICE EXAMINATION held on .....

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**NATURAL BOND ORBITAL ANALYSIS ON  
5-CHLORODIBENZOSUBERANE AND  
2,4 – DICHLORO -1- (2- PROPYNYLOXY)BENZENE**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*  
**VISHNUVARADHAN P**  
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*Under the guidance of research supervisor*  
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### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "**NATURAL BOND ANALYSIS ON 5-CHLORODIBENZOSUBERANE AND 2,4 DICHLORO -1- (2-PROPYNYLOXY) BENZENE**" submitted by **P. VISHNUVARADHAN** (Roll No. A20PHD39) in partial fulfillment of the requirements for the award of the **BACHELOR OF SCIENCE IN PHYSICS**, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.

*[Signature]*

Rev. Fr. Dr. S. Xavier,

COE & Head,

PG & Research Department of Physics,

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(Autonomous), Cuddalore - 01.

*[Signature]* 21/5/23

Dr. S. Sangeetha Margreat,

Assistant Professor,

PG & Research Department of Physics,

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(Autonomous), Cuddalore - 01.

Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on 04.05.2023

### Examiners

1. *[Signature]* 4/5/23

2. *[Signature]* 4/5/23



# **LIGHT DEPENDING RECEIVING (LDR) SECURITY ALARM SYSTEM**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*  
**RAJESH S**  
*(Reg. No: A20PHD31)*

*Under the guidance of research supervisor*  
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**CUDDALORE – 607 001**

**MAY 2023**

Dr. M. MARIA JULIE, M. Sc., M. Phil., B.Ed., Ph.D.,  
Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

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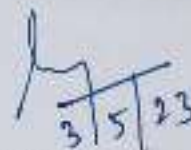
### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "**LIGHT DEPENDING RECEIVING (LDR) SECURITY ALARM SYSTEM**" submitted by **S. RAJESH** (Roll No.A20PHD31) in partial fulfillment of the requirements for the award of the **BACHELOR OF SCIENCE IN PHYSICS**, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.



Rev. Fr. Dr. S. Xavier,  
COE & Head,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.



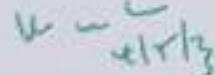
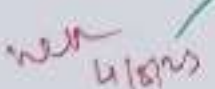
Dr. M. Maria Julie,  
Assistant Professor,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

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#### Examiners

1. 
2. 

**MULLIKEN CHARGE AND MEP ANALYSIS ON  
2,4 DICHLORO-1(2-PROPYNYOXY) BENZENE**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*  
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(Reg. No: A20PHD38)

*Under the guidance of research supervisor*  
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**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
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**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE – 607 001**

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Dr. S. SANGEETHA MARGREAT, M. Sc., M. Phil., Ph.D.,

Assistant Professor,

PG & Research Department of physics,

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Cuddalore-607 001.

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "**MULLIKEN CHARGE AND MEP ANALYSIS ON 2,4 DICHLORO -1 (2-PROPYNLOXY) BENZENE**" submitted by **B. PARASURAMAN** (Roll No.A20PHD38) in partial fulfillment of the requirements for the award of the **BACHELOR OF SCIENCE IN PHYSICS, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023**, was done, during the period of her studies under my guidance.



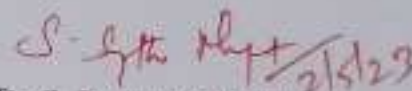
Rev. Fr. Dr. S. Xavier,

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Dr. S. Sangeetha Margreat,

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St. Joseph's College of Arts & Science

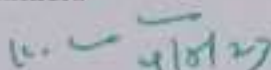
(Autonomous), Cuddalore - 01.

Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-

Voice examination held on 04.05.2023

#### Examiners

1.



2.





**EXPLORING THE STRUCTURAL AND MAGNETIC  
PROPERTIES OF  $\text{Cu-MgFe}_2\text{O}_4$ ,  $\text{Cu-ZnFe}_2\text{O}_4$ , and  $\text{Co-NiFe}_2\text{O}_4$   
NANOPARTICLES**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*  
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### BONAFIDE CERTIFICATE

This is to certify that the project work entitled **"EXPLORING THE STRUCTURAL AND MAGNETIC PROPERTIES OF  $\text{Co-MgFe}_2\text{O}_4$ ,  $\text{Co-ZnFe}_2\text{O}_4$ , and  $\text{Co-NiFe}_2\text{O}_4$  NANOPARTICLES"** submitted by **R. SURENDHAR** (Roll No.A20PHD15) in partial fulfillment of the requirements for the award of the **BACHELOR OF SCIENCE IN PHYSICS, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023**, was done, during the period of her studies under my guidance.




Rev. Fr. Dr. S. Xavier,

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 03.05.23

Dr. M. Sathish,

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St. Joseph's College of Arts & Science

(Autonomous), Cuddalore – 01.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

---

### Examiners

1.  4/5/23
2. 

**STRUCTURAL AND CHARACTERIZATION OF Cu-MgFe<sub>2</sub>O<sub>4</sub>  
and Cu-ZnFe<sub>2</sub>O<sub>4</sub> NANOPARTICLES**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*  
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(Reg. No: A20PHD51)

*Under the guidance of research supervisor*  
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**CUDDALORE – 607 001**

**MAY 2023**

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Cuddalore-607 001.

### BONAFIDE CERTIFICATE

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(Autonomous), Cuddalore - 01.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

### Examiners

1. 

2. 



**DOCKING STUDY OF HIV AND NIPAH RECEPTOR WITH ALOE VERA AND  
THEIR BINDING INTERACTION ANALYSIS**

*A dissertation submitted to*

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (Autonomous)**

*Affiliated to*

**THIRUVALLUVAR UNIVERSITY**

*In partial fulfillment for the award of the degree of*

**BACHELOR OF SCIENCE  
IN  
PHYSICS**

*Submitted by*

**ARUN KUMAR P**

**(Roll No: A20PHD03)**

*Under the guidance of research supervisor*

**Rev. Fr. Dr. Xavier, M.Sc., B.Ed., M.Phil., Ph.D., CONTROLLER  
OF EXAMINATIONS  
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**PG & Research Department of Physics,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore-607001**

**MAY – 2023**

## BONAFIDE CERTIFICATE

This is to certify that the dissertation entitle "Docking Study of HIV and Nipah Receptor with Aloe Vera and their Binding Interaction Analysis" is the bonafide record of Project work done by Mr.Arun Kumar P(RollNo.A20PHD03)student of B.Sc., (Physics) St. Joseph's College of Arts & Science(Autonomous), Cuddalore, during the period of 2020-2023 in partial fulfillment of the requirements for the award of the degree of **BACHELOR OF SCIENCE IN PHYSICS**.



**Head of the department**  
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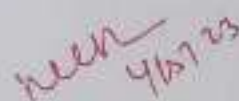
**Internal guide**  
**Rev.Fr.Dr.S.XAVIER,**  
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*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the viva -voice examination held on 04/05/2023*

**Examiner1:**



**Examiner2:**



**DOCKING STUDY OF HIV AND HEPATITIS RECEPTOR WITH ALGAE VERA  
AND THEIR BINDING INTERACTION ANALYSIS**

*A dissertation submitted to*

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (Autonomous)**

*Affiliated to*

**THIRUVALLUVAR UNIVERSITY**

*In partial fulfillment for the award of the degree of*

**BACHELOR OF SCIENCE  
IN  
PHYSICS**

*Submitted by*

**RAGUL V**

**(Roll No: A20PHD45)**

*Under the guidance of research supervisor*

**Rev. Fr. Dr. Xavier, M.Sc., B.Ed., M.Phil., Ph.D., CONTROLLER  
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**MAY – 2023**

## BONAFIDE CERTIFICATE

This is to certify that the dissertation entitles "Docking Study of HIV and Hepatitis Receptor with Aloe Vera and their Binding Interaction Analysis" is the bonafide record of Project work done by Ragul V(RollNo.A20PHD45) student of B.Sc., (Physics) St. Joseph's College of Arts & Science(Autonomous), Cuddalore, during the period of 2020-2023 in partial fulfillment of the requirements for the award of the degree of **BACHELOR OF SCIENCE IN PHYSICS**.




**Head of the department**  
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Head of the Department,  
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**Internal guide**  
**Rev.Fr.Dr.S.XAVIER**  
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St. Joseph's College of Arts & Science,  
(Autonomous),Cuddalore – 607001.

*Submitted to St.Joseph's College of Arts & Science (Autonomous), Cuddalore at the viva-voice examination held on 04/05/2023*

Examiner1:   
4/5/23

Examiner2:





# **LIGHT DEPENDING RECEIVING (LDR) SECURITY ALARM SYSTEM**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*  
**DURAIMURUGAN R**  
(Reg. No: A20PHD30)

*Under the guidance of research supervisor*  
**Dr. M. MARIA JULIE, M. Sc., M. Phil., B.Ed., Ph.D.,**  
*Assistant Professor,*



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)  
CUDDALORE - 607 001

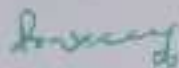
**MAY 2023**

Dr. M. MARIA JULIE, M. Sc., M. Phil., B.Ed., Ph.D.,  
Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

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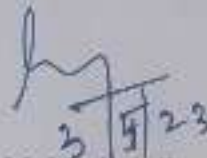
### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "LIGHT DEPENDENT RECEIVING (LDR) SECURITY ALARM SYSTEM" submitted by R. DURAIMURUGAN (Roll No. A20PHI030) in partial fulfillment of the requirements for the award of the BACHELOR OF SCIENCE IN PHYSICS, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.



Rev. Fr. Dr. S. Xavier,  
COE & Head,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.



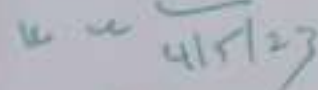
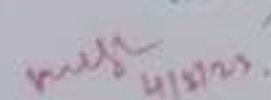
Dr. M. Maria Julie,  
Assistant Professor,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on

---

### Examiners

1. 
2. 

# **STRUCTURAL AND MAGNETIC CHARACTERIZATION OF Cu-MgFe<sub>2</sub>O<sub>4</sub> NANOPARTICLES**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*  
**JAWAHAR R**  
(Reg. No: A20PHD10)

*Under the guidance of research supervisor*  
**Dr. M. SATHISH, M. Sc., B. Ed., M. Phil., Ph.D.,**  
Assistant Professor,



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
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CUDDALORE – 607 001

**MAY 2023**

Dr. M. SATHISH, M. Sc., B. Ed., M. Phil., Ph.D.,  
Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

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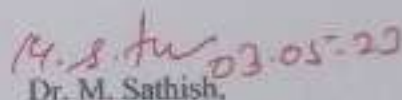
### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "**STRUCTURAL AND MAGNETIC CHARACTERISATION OF  $\text{Cu-MgFe}_2\text{O}_4$  NANOPARTICLES**" submitted by **R. JAWAHAR** (Roll No. A20PHD10) in partial fulfillment of the requirements for the award of the **BACHELOR OF SCIENCE IN PHYSICS**, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.



Rev. Fr. Dr. S. Xavier,  
COE & Head,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

03.05.23

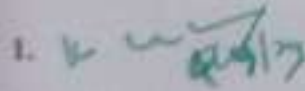
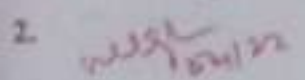
Assistant Professor,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

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#### Examiners

- 
- 



**OPTIMIZATION OF SPEED LIMITER IN HEAVY LOADED  
AUTOMOBILES**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfilment of the requirement for the award of the Degree of*  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*  
**G. DHARANIDHARAN**  
(Reg. No: A20PHD22)

*Under the guidance of research supervisor*  
**Dr. K. ELAYAKUMAR, M. Sc., M. Ed., Ph. D.,**  
**Assistant Professor,**



**POST GRADUATE AND RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE - 607 001**

**MAY 2023**

Dr. K. Elayakumar, M. Sc., M. Ed., Ph. D.,

Assistant Professor,

PG & Research Department of Physics,

St. Joseph's College of Arts & Science (Autonomous),

Cuddalore - 607 001

---

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "OPTIMIZATION OF SPEED LIMITER IN HEAVY LOADED AUTOMOBILES" submitted by **G. DHARANIDHARAN** (Roll No. A20PHD22) in partial fulfilment of the requirements for the award of the **BACHELOR OF SCIENCE IN PHYSICS**, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done during the period of his studies under my guidance.



Rev. Fr. Dr. S. Xavier,

COE & Head,

PG & Research Department of Physics,

St. Joseph's College of Arts & Science

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Dr. K. Elayakumar,

Assistant Professor,

PG & Research Department of Physics,

St. Joseph's College of Arts & Science

(Autonomous), Cuddalore - 01.


Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the

Viva - Voice examination held on 04/05/2023

---

#### Examiners

1.  4/5/23

2.  4/5/23

**PREPARATION AND CHARACTERIZATION OF COBALT  
DOPED NICKEL FERRITE NANOPARTICLES BY  
CO-PRECIIPITATION METHOD**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfilment of the requirement for the award of the Degree of*  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*  
**PRAVEENKUMAR S**  
(Reg. No: A20PHD13)

*Under the guidance of research supervisor*  
**Dr. M. SATHISH, M. Sc., B. Ed., M. Phil., Ph.D.,**  
**Assistant Professor,**



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE – 607 001**

**MAY 2023**

Dr. M. SATHISH, M. Sc., B. Ed., M. Phil., Ph.D.,

Assistant Professor,

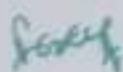
PG & Research Department of physics,

St. Joseph's College of Arts & Science (Autonomous),

Cuddalore-607 001.

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "PREPARATION AND CHARACTERIZATION OF COBALT DOPED NICKEL FERRITE NANOPARTICLES BY CO-PRECIIPITATION METHOD" submitted by S. PRAVEENKUMAR (Roll No.A20PHD13) in partial fulfillment of the requirements for the award of the BACHELOR OF SCIENCE IN PHYSICS, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.



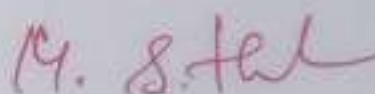
Rev. Fr. Dr. S. Xavier,

COE & Head,

PG & Research Department of Physics,

St. Joseph's College of Arts & Science

(Autonomous), Cuddalore - 01.



Dr. M. Sathish, ,

Assistant Professor,

PG & Research Department of Physics,

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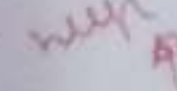
(Autonomous), Cuddalore - 01.

03.05.23

Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on

### Examiners

1.  4/5/23

2.  4/5/23



**STRUCTURAL AND HOMO-LOMO  
ANALYSIS ON  
2,4-DICHLORO-1-(2-PROPYNLOXY) BENZENE**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*  
**VIGNESH M**  
(Reg. No: A20PHD37)

*Under the guidance of research supervisor*  
**Dr. S. SANGEETHA MARGREAT, M. Sc., M. Phil., Ph.D.,**  
**Assistant Professor,**



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE – 607 001**

**MAY 2023**

Dr. S. SANGEETHA MARGREAT, M. Sc., M. Phil, Ph.D.,

Assistant Professor,

PG & Research Department of physics,

St. Joseph's College of Arts & Science (Autonomous),

Cuddalore-607 001.

---

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "STRUCTURAL AND HOMO-LOMO ANALYSIS ON 2,4-DICHLORO-1-(2-PROPYNYLOXY) BENZENE" submitted by M. VIGNESH (Roll No.A20PHD37) in partial fulfillment of the requirements for the award of the BACHELOR OF SCIENCE IN PHYSICS, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.



Rev. Fr. Dr. S. Xavier,

COE & Head,

PG & Research Department of Physics,

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(Autonomous), Cuddalore - 01.



Dr. S. Sangeetha Margreat,

Assistant Professor,

PG & Research Department of Physics,

St. Joseph's College of Arts & Science

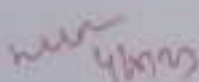
(Autonomous), Cuddalore - 01.

Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on 04/05/2023

---

### Examiners

1. 

2. 

# **LIGHT DEPENDENT RECEIVING (LDR) SECURITY ALARM SYSTEM**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*  
**DURAIMURUGAN R**  
(Reg. No: A20PHD30)

*Under the guidance of research supervisor*  
**Dr. M. MARIA JULIE, M. Sc., M. Phil., B.Ed., Ph.D.,**  
Assistant Professor,



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE - 607 001**

**MAY 2023**

Dr. M. MARIA JULIE, M. Sc., M. Phil., B.Ed., Ph.D.,  
Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

---

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "**LIGHT DEPENDING RECEIVING (LDR) SECURITY ALARM SYSTEM**" submitted by **R. DURAIMURUGAN** (Roll No.A20PHD30) in partial fulfillment of the requirements for the award of the **BACHELOR OF SCIENCE IN PHYSICS**, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.

Rev. Fr. Dr. S. Xavier,  
COE & Head,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

Dr. M. Maria Julie,  
Assistant Professor,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

---

### Examiners

- 1.
- 2.



**OPTIMIZATION OF SPEED LIMITER IN HEAVY LOADED  
AUTOMOBILES**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfilment of the requirement for the award of the Degree of*  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*  
**S. JOYNIMLESH**  
(Reg. No: A20PHD25)

*Under the guidance of research supervisor*  
**Dr. K. ELAYAKUMAR, M. Sc., M. Ed., Ph. D.,**  
*Assistant Professor,*



**POST GRADUATE AND RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE – 607 001**

**MAY 2023**

Dr. K. Elayakumar, M. Sc., M. Ed., Ph. D.,  
Assistant Professor,  
PG & Research Department of Physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore – 607 001

---

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "OPTIMIZATION OF SPEED LIMITER IN HEAVY LOADED AUTOMOBILES" submitted by S. JOYNIMILESH (Roll No. A20PHD25) in partial fulfilment of the requirements for the award of the BACHELOR OF SCIENCE IN PHYSICS, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done during the period of his studies under my guidance.



Rev. Fr. Dr. S. Xavier,

COE & Head,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore – 01.



Dr. K. Elayakumar,

Assistant Professor,

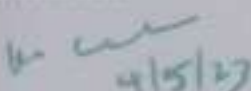
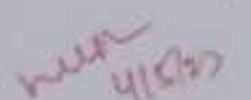
PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore – 01.

Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the

Viva – Voice examination held on 04.05.2023

---

#### Examiners

1.   
4/5/23
2.   
4/5/23

**OPTIMIZATION OF SPEED LIMITER IN HEAVY LOADED  
AUTOMOBILES**

*Dissertation submitted to the*

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfilment of the requirement for the award of the Degree of*

**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*

**MA. SAIPRASAD**

(Reg. No: A20PHD53)

*Under the guidance of research supervisor*

**Dr. K. ELAYAKUMAR, M. Sc., M. Ed., Ph. D.,**

**Assistant Professor,**



**POST GRADUATE AND RESEARCH DEPARTMENT OF PHYSICS  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)  
CUDDALORE - 607 001**

**MAY 2023**

Dr. K. Elayakumar, M. Sc., M. Ed., Ph. D.,  
Assistant Professor,  
PG & Research Department of Physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore – 607 001.

---

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "OPTIMIZATION OF SPEED LIMITER IN HEAVY LOADED AUTOMOBILES" submitted by **MA. SAIPRASAD** (Roll No. A20PHD53) in partial fulfilment of the requirements for the award of the **BACHELOR OF SCIENCE IN PHYSICS**, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done during the period of his studies under my guidance.



Rev. Fr. Dr. S. Xavier,

COE & Head,

PG & Research Department of Physics,  
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(Autonomous), Cuddalore – 01.



Dr. K. Elayakumar,

Assistant Professor,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore – 01.

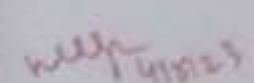
Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the

Viva – Voice examination held on 04 / 05 / 2023

---

#### Examiners

1.  4/5/23

2.  4/5/23



**PREPARATION AND CHARACTERIZATION OF COBALT  
DOPED NICKEL FERRITE NANOPARTICLES BY  
CO-PRECIPITATION METHOD**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*  
**PRAVEENKUMAR S**  
(Reg. No: A20PHD13)

*Under the guidance of research supervisor*  
**Dr. M. SATHISH, M. Sc., B. Ed., M. Phil., Ph.D.,**  
**Assistant Professor,**



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE – 607 001**

**MAY 2023**

Dr. M. SATHISH, M. Sc., B. Ed., M. Phil., Ph.D.,  
Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

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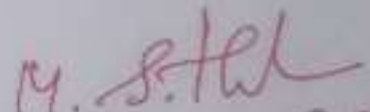
### BONAFIDE CERTIFICATE

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Rev. Fr. Dr. S. Xavier,  
COE & Head,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.



Dr. M. Sathish,

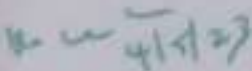
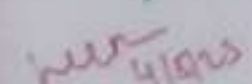
Assistant Professor,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

---

#### Examiners

1.  4/1/23
2.  4/1/23

# **FORMATION AND CHARACTERIZATION OF COPPER DOPED ZINC FERRITE NANOSTRUCTURES**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*  
**PRAVEEN KUMAR P**  
(Reg. No: A20PHD12)

*Under the guidance of research supervisor*  
**Dr. M. SATHISH, M. Sc., B. Ed., M. Phil., Ph.D.,**  
**Assistant Professor,**



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE – 607 001**

**MAY 2023**

Dr. M. SATHISH, M. Sc., B. Ed., M. Phil., Ph.D.,  
Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

---

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "FORMATION AND CHARACTERIZATION OF COPPER DOPED ZINC FERRITE NANOSTRUCTURES" submitted by P. PRAVEEN KUMAR (Roll No.A20PHD12) in partial fulfillment of the requirements for the award of the BACHELOR OF SCIENCE IN PHYSICS, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.

Rev. Fr. Dr. S. Xavier,

COE & Head,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

Dr. M. Sathish,

Assistant Professor,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

---

#### Examiners

- 1.
- 2.



**DOCKING STUDY OF HIV AND RABIES RECEPTOR WITH ALOE VERA  
AND THEIR BINDING INTERACTION ANALYSIS**

*A dissertation submitted to*

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (Autonomous)**

*Affiliated to*

**THIRUVALLUVAR UNIVERSITY**

*In partial fulfillment for the award of the degree of*

**BACHELOR OF SCIENCE**

**IN**

**PHYSICS**

*Submitted by*

**ALWIN ROJER**

**(Roll No: A20PHD02)**

*Under the guidance of research supervisor*

**Rev. Fr. Dr. Xavier, M.Sc., B.Ed., M.Phil., Ph.D., CONTROLLER  
OF EXAMINATIONS  
HEAD OF THE DEPARTMENT**



**PG & Research Department of Physics,  
St. Joseph's College of Arts & Science (Autonomous) Cuddalore-  
607001**

**MAY - 2023**

## BONAFIDE CERTIFICATE

This is to certify that the dissertation entitle "Docking Study of HIV and Rabies Receptor with Aloe Vera and their Binding Interaction Analysis" is the bonafide record of Project work done by Mr. Alwin Rojer A (RollNo.A20PHD02) student of B.Sc., (Physics) St. Joseph's College of Arts & Science (Autonomous), Cuddalore, during the period of 2020-2023 in partial fulfillment of the requirements for the award of the degree of **BACHELOR OF SCIENCE IN PHYSICS**.



**Head of the department**

**Rev. Fr. Dr. S. XAVIER**

Head of the Department,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science,  
(Autonomous), Cuddalore - 607001.



**Internal guide**


**Rev. Fr. Dr. S. XAVIER**

Head of the Department

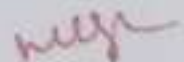
PG & Research Department of Physics,  
St. Joseph's College of Arts & Science,  
(Autonomous), Cuddalore - 607001.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the viva-voice examination held on 04/05/2023*

**Examiner 1:**

  
4/5/23

**Examiner 2:**



**OPTIMIZATION OF SPEED LIMITER IN HEAVY LOADED  
AUTOMOBILES**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfilment of the requirement for the award of the Degree of*  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*  
**A. ABINANTHAN**  
(Reg. No: A20PHD23)

*Under the guidance of research supervisor*  
**Dr. K. ELAYAKUMAR, M. Sc., M. Ed., Ph. D.,**  
**Assistant Professor,**



**POST GRADUATE AND RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE - 607 001**

**MAY 2023**

Dr. K. Elayakumar, M. Sc., M. Ed., Ph. D.,  
Assistant Professor,  
PG & Research Department of Physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore – 607 001

---

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "OPTIMIZATION OF SPEED LIMITER IN HEAVY LOADED AUTOMOBILES" submitted by **A. ABINANTHAN** (Roll No. A20PHD23) in partial fulfilment of the requirements for the award of the **BACHELOR OF SCIENCE IN PHYSICS**, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done during the period of his studies under my guidance.



Rev. Fr. Dr. S. Xavier,

COE & Head,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore – 01.



Dr. K. Elayakumar,

Assistant Professor,

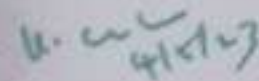
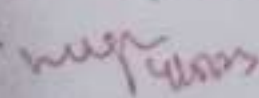
PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore – 01.

Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the

Viva – Voice examination held on 04.05.2023

---

#### Examiners

1. 
2. 



**DOCKING STUDY OF HIV AND SWINE FLU RECEPTOR WITH ALOE VERA  
AND THEIR BINDING INTERACTION ANALYSIS**

*A dissertation submitted to*

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (Autonomous)**

*Affiliated to*

**THIRUVALLUVAR UNIVERSITY**

*In partial fulfillment for the award of the degree of*

**BACHELOR OF SCIENCE**

**IN**

**PHYSICS**

*Submitted by*

**BALAJI M**

**(RollNo: A20PHD04)**

*Under the guidance of research supervisor*

**Rev. Fr. Dr. Xavier, M.Sc., B.Ed., M.Phil., Ph.D., CONTROLLER  
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HEAD OF THE DEPARTMENT**



**PG & Research Department of Physics,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore-607001**

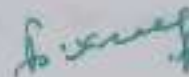
**MAY - 2023**

## BONAFIDE CERTIFICATE

This is to certify that the dissertation entitles "**Docking Study of HIV and Swine Flu Receptor with Aloe Vera and their Binding Interaction Analysis**" is the bonafide record of Project work done by Balaji M(RollNo.A20PHD04) student of B.Sc., (Physics) **St. Joseph's College of Arts & Science(Autonomous), Cuddalore**, during the period of 2020-2023 in partial fulfillment of the requirements for the award of the degree of **BACHELOR OF SCIENCE IN PHYSICS**.



**Head of the department**  
**Rev.Fr.Dr.S.XAVIER**  
Head of the Department,  
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St.Joseph's College of Arts & Science,  
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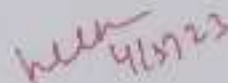
**Internal guide**  
**Rev.Fr.Dr.S.XAVIER**  
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(Autonomous),Cuddalore - 607001.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the viva -voice examination held on 04/05/2023*

**Examiner1:**



**Examiner2:**



**DOCKING STUDY OF HIV AND DENGUE RECEPTOR WITH ALOE VERA  
AND THEIR BINDING INTERACTION ANALYSIS**

*A dissertation submitted to*

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (Autonomous)**  
*Affiliated to*

**THIRUVALLUVAR UNIVERSITY**

*In partial fulfillment for the award of the degree of*

**BACHELOR OF SCIENCE  
IN  
PHYSICS**

*Submitted by*

**BALAJI R**

**(Roll No: A20PHD05)**

*Under the guidance of research supervisor*

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HEAD OF THE DEPARTMENT**



**PG & Research Department of Physics,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore-607001**

**MAY - 2023**

## BONAFIDE CERTIFICATE

This is to certify that the dissertation entitles "**Docking Study of HIV and Dengue Receptor with Aloe Vera and their Binding Interaction Analysis**" is the bonafide record of Project work done by Balaji R (RollNo,A20PHD05) student of B.Sc., (Physics) **St. Joseph's College of Arts & Science(Autonomous), Cuddalore**, during the period of 2020-2023 in partial fulfillment of the requirements for the award of the degree of **BACHELOR OF SCIENCE IN PHYSICS**.

Head of the department  
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Head of the Department,  
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Internal guide  
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(Autonomous), Cuddalore – 607001.

*Submitted to St. Joseph's College of Arts& Science (Autonomous), Cuddalore at the viva –voice examination held on 04/05/2023*

Examiner1:

Examiner2:



# **A Mini Project Report**

Dissertation Submitted to the

St. Joseph 's College of Arts and Science

In Partial Fulfillment of Requirement for the Award Degree of

**Bachelor of Science in Physics**

Submitted by

A2OPHD28

A20PHD29

Under the guidance of research supervisor

**Dr.H.Jude Leonard Hilary, M.Sc, M.Ed, M.Phil,P.hD....**

Assistant Professor



Post Graduate and Research Department of Physics  
St. Joseph's College of Arts and Science ( Autonomous )  
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Dr. H. JUDE LEONARD HILARY, M.Sc, M.Ed, M.Phil, P.hD.,  
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Cuddalore -607001

### Bonafied Certificate

This is to certify that the project work entitled "Telescope "submitted by  
PRASANTH R , RUBAN M (ROLL NO : A20PHD28 , A20PHD29 ) in  
partial fulfillment of the requirements for the award of the bachelor of  
science in physics, St. Joseph' s college of arts and science  
(autonomous), Cuddalore 607001 ,2022-2023 was done during the period  
of his study under my guidance.



REV. FR. DR.S. Xavier,

Coe & Head,  
PG and Research Department of Physics,  
St. Joseph's College of Arts and Science  
(Autonomous) Cuddalore

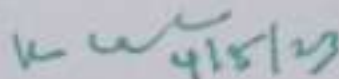
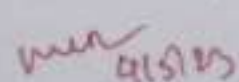


Dr . H. Jude Leonard Hilary

Assistant Professor  
PG Research Department of Physics  
St. Joseph's College of Arts and Science  
( Autonomous ) cuddalore

*Submitted to St. Joseph's College of Arts and Science (Autonomous) cuddalore  
at Viva Voice examination held on*

Examiners

1   
2 

**OPTIMIZATION OF SPEED LIMITER IN HEAVY LOADED  
AUTOMOBILES**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfilment of the requirement for the award of the Degree of*  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*

**R. VELAN**

(Reg. No: A20PHD21)

*Under the guidance of research supervisor*

**Dr. K. ELAYAKUMAR, M. Sc., M. Ed., Ph. D.,**

**Assistant Professor,**



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ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)  
CUDDALORE – 607 001**

**MAY 2023**

Dr. K. Elayakumar, M. Sc., M. Ed., Ph. D.,

Assistant Professor,

PG & Research Department of Physics,


St. Joseph's College of Arts & Science (Autonomous),

Cuddalore - 607 001

---

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "OPTIMIZATION OF SPEED LIMITER IN HEAVY LOADED AUTOMOBILES" submitted by R. VELAN (Roll No. A20PHD21) in partial fulfillment of the requirements for the award of the BACHELOR OF SCIENCE IN PHYSICS, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done during the period of his studies under my guidance.

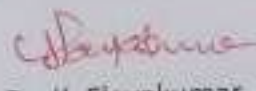
  
Rev. Fr. Dr. S. Xavier,

COE & Head,

PG & Research Department of Physics,

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Dr. K. Elayakumar,

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(Autonomous), Cuddalore - 01.

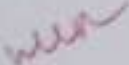
Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the

Viva - Voice examination held on 04/05/2023

---

#### Examiners

1.  04/05/23

2. 



**MOLECULAR DOCKING AND DFT INVESTIGATIONS ON  
METHYL 6-METHOXY-2-INDOLECARBOXYLATE**

*A dissertation submitted to*

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (Autonomous)**

*Affiliated to*

**THIRUVALLUVAR UNIVERSITY**

*in partial fulfillment for the award of the degree of*

**BACHELOR OF SCIENCE  
in  
PHYSICS**

*Submitted by*

**S. Rajkumar (Roll No: A20PHD42)**

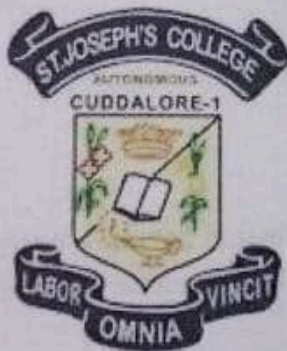
**C. Albert (Roll No: A20PHD44)**

*Under the guidance of research supervisor*

**Dr. S. Sebastian, M.Sc, Ph.D.,**

**ASSISTANT PROFESSOR**

**PG & RESEARCH DEPARTMENT OF PHYSICS.**



**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE-607 001**

**MAY2023**


**Dr. S. Sebastian, M.Sc, Ph.D.,**  
Assistant Professor,  
PG & Research Department of Physics  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore – 607 001

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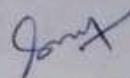
**BONAFIDE CERTIFICATE**

This is to certify that the dissertation entitle "**Molecular Docking and DFT Investigations On Methyl 6-Methoxy-2-Indolecarboxylate**" is the Bonafide record of research work done by **S. Rajkumar, C. Albert** (Roll No. A20PHD42, A20PHD44) student of B.Sc.,(Physics) **St. Joseph's College of Arts & Science (Autonomous), Cuddalore**, during the period of 2022-2023 in partial fulfilment of the requirements for the award of the degree of **BACHELOR OF SCIENCE IN PHYSICS**.



**Head of the department**

**Rev. Fr. Dr. S. XAVIER**  
Head of the Department,  
PG & Research  
Department of Physics  
St. Joseph's College of Arts  
and Science (Autonomous)  
Cuddalore-607 001.



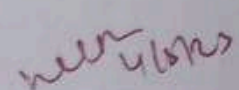
**Internal Guide**

**Dr. S. Sebastian**  
Assistant Professor,  
PG & Research  
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St. Joseph's College of Arts  
and Science (Autonomous)  
Cuddalore-607 001.

*Submitted to St. Joseph's College Of Arts And Science (Autonomous), Cuddalore at  
the viva-voice examination held on*

04 - 05 - 2023

  
**Examiner: 1**

  
**Examiner: 2**

## 1. TITLE

THE ROLE OF ANNEALING TEMPERATURE IN TUNING MAGNETIC  
PROPERTIES OF Fe-Co-Al<sub>2</sub>O<sub>4</sub> SPINEL ALUMINATES

*A Dissertation Submitted to the*

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

*In Partial Fulfillment of the Requirement for the Award of the Degree of*

*BACHELOR OF SCIENCE IN PHYSICS Submitted by*

P.AAKASH (A20PHD20)

S.PRETHIPRAJ (A20PHD52)

S.SANJAY (A20PHD17)

A.BARANIDOSS (A20PHD18)

V.SANTHOSH (A20PHD19)

*Under the Supervision and Guidance of*

Dr.R.SAGAYARAJ, M.Sc., M.Phil., B.Ed., PhD.,

*Assistant Professor*

PG & RESEARCH DEPARTMENT OF PHYSICS



ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)

CUDDALORE – 607 001

APRIL – 2023



# **SOLAR CELL BY USING TITANIUM(IV) OXIDE**

Dissertation Submitted to the

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)**

In partial fulfillment of the requirement for the award of degree of  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*

**DESMON ROBIN A (A20PHD06)**

**DHINAGAR P (A20PHD07)**

**DINESH BALA B (A20PHD08)**

**ILAYAKUMAR T (A20PHD09)**

**BHARANIDHARAN S (A20PHD49)**

*Under the supervision and guidance of*

**Dr. V. SATHANA M.Sc., M.Phil., PGDCA., Ph.D.**



**PG & RESEARCH DEPARTMENT OF PHYSICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**CUDDALORE – 607001**

**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**APRIL – 2023**

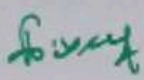


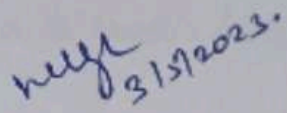
Dr. V. Sathana (M. Sc., M.Phil., PGDCA., Ph.D.)  
Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Art's & Science (Autonomous),  
Cuddalore-607 001.

---

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "SOLAR CELL BY USING TITANIUM(IV) OXIDE" submitted by A. DESMON ROBIN (A20PHD06), P. DHINAGAR (A20PHD07), B. DINESH BALA (A20PHD08), T. ILAYAKUMAR (A20PHD09) and S. BHARANIDHARAN (A20PHD49) in partial fulfillment of the requirements for the award of the BACHELOR OF SCIENCE IN PHYSICS, St. Joseph's College of Arts & Science (Autonomous), Cuddalore – 607 001, 2022-2023, was done during the period of their studies under my guidance.


  
Rev. Fr. Dr. S. Xavier,  
COE & Head,  
PG & Research Department of  
Physics,  
St. Joseph's College of Arts &  
Science (Autonomous),  
Cuddalore – 607 001.

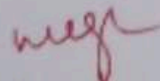
  
Dr. V. Sathana,  
Assistant Professor,  
PG & Research Department of  
Physics,  
St. Joseph's College of Arts &  
Science (Autonomous),  
Cuddalore – 607 001.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore  
at the viva-voice examination held on –*

---

Examiner

1.   
4/5/23

2. 

**DFT AND MOLECULAR DOCKING INVESTIGATIONS OF  
ETHACRYNIC ACID**

*A dissertation submitted to*

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (Autonomous)**

*Affiliated to*

**THIRUVALLUVAR UNIVERSITY**

*in partial fulfillment for the award of the degree of*

**BACHELOR OF SCIENCE**

**in**

**PHYSICS**

*Submitted by*

**S.BARANIDHARAN (Roll No: A20PHD41)**

**M.KARUNAKARAN (Roll No: A20PHD43)**

*Under the guidance of research supervisor*

**Dr. S. Sebastian, M.Sc, Ph.D.,**

**ASSISTANT PROFESSOR**

**PG & RESEARCH DEPARTMENT OF PHYSICS.**



**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE-607 001**

**MAY 2023**

**Dr. S. Sebastian, M.Sc, Ph.D.,**  
Assistant Professor,  
PG & Research Department of Physics  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore – 607 001

---


### **BONAFIDE CERTIFICATE**

This is to certify that the dissertation entitle “**DFT and Molecular Docking Investigations of Ethacrynic Acid**” is the bonafide record of research work done by **S.Baranidharan, M.Karunakaran** (Roll No. A20PHD41, A20PHD43) student of B.Sc.,(Physics) **St. Joseph's College of Arts & Science (Autonomous), Cuddalore**, during the period of 2022-2023 in partial fulfilment of the requirements for the award of the degree of **BACHELOR OF SCIENCE IN PHYSICS**.



**Head of the department**

**Rev. Fr.Dr.S. XAVIER**  
Head of the Department,  
PG & Research  
Department of Physics  
St. Joseph's College of Arts  
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Cuddalore-607 001.

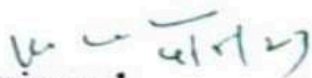


**Internal Guide**

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Assistant Professor,  
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Cuddalore-607 001.

*Submitted to St. Joseph's College Of Arts And Science (Autonomous), Cuddalore at  
the viva-voice examination held on*

04 - 05 - 2023



**Examiner: 1**



**Examiner: 2**



**ANTIBACTERIAL ACTIVITY ON 2, 4-DICHLORO-1-(2-  
PROPYNYOXY) BENZENE**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*  
**ABINAYA R**  
**(Reg. No: A20PHE28)**

*Under the guidance of research supervisor*  
**Dr. S. SANGEETHA MARGREAT, M. Sc., M. Phil., Ph.D.,**  
**Assistant Professor,**



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**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE – 607 001**

**MAY 2023**



Dr. S. SANGEETHA MARGREAT, M. Sc., M. Phil., Ph.D.,

Assistant Professor,

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St. Joseph's College of Arts & Science (Autonomous),

Cuddalore-607 001.

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "**ANTIBACTERIAL ACTIVITY ON 2,4-DICHLORO-1-(2-PROPYNLOXY) BENZENE**" submitted by **R. ABINAYA** (Roll No.A20PHE28) in partial fulfillment of the requirements for the award of the **BACHELOR OF SCIENCE IN PHYSICS**, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.



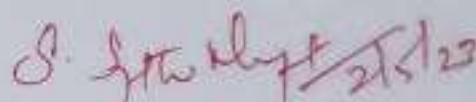
Rev. Fr. Dr. S. Xavier,

COE & Head,

PG & Research Department of Physics,

St. Joseph's College of Arts & Science

(Autonomous), Cuddalore - 01.



Dr. S. Sangeetha Margreat,

Assistant Professor,

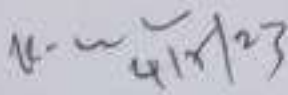

PG & Research Department of Physics,

St. Joseph's College of Arts & Science

(Autonomous), Cuddalore - 01.

Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on 04/5/23

#### Examiners

1.  4/5/23
2.  4/5/23

# **EMISSION MONITORING SYSTEM**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*  
**BHUVANESWARI V**  
**(Reg. No: A20PHE16)**

*Under the guidance of research supervisor*  
**Dr. K. ELAYA KUMAR, M. Sc., M.Ed., Ph.D.,**  
**Assistant Professor,**



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE – 607 001**

**MAY 2023**

Dr. K. ELAYA KUMAR, M. Sc., M.Ed., Ph.D.,  
Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

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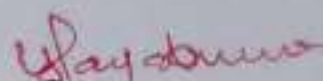
### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "**EMISSION MONITORING SYSTEM**" submitted by **V. BHUVANESWARI** (Roll No.A20PHE16) in partial fulfillment of the requirements for the award of the **BACHELOR OF SCIENCE IN PHYSICS**, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.



Rev. Fr. Dr. S. Xavier,  
COE & Head,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

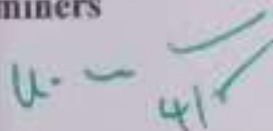


Dr. K. Elaya Kumar,  
Assistant Professor,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

Examiners



QUANTUM COMPUTATIONAL ANALYSIS OF FIRST ROW OF  
TRANSITION METAL - COPPER

*A dissertation submitted to*

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (Autonomous)  
*Affiliated to*

**THIRUVALLUVAR UNIVERSITY**  
*In partial fulfillment for the award of the degree of*

**BACHELOR OF SCIENCE**  
**In PHYSICS**

*Submitted by*

S. JASMIBIRLA  
(Roll No:A20PHE03)

*Under the guidance of research supervisor*  
Rev. Fr. Dr. Xavier, M.Sc., B.Ed., M.Phil., Ph.D.,  
**CONTROLLER OF EXAMINATIONS**  
**HEAD OF THE DEPARTMENT**



PG & Research Department of Physics,  
St. Joseph's College of Arts & Science (Autonomous) Cuddalore-607 001  
**MAY - 2023**



## BONAFIDE CERTIFICATE

This is to certify that the dissertation entitle "Quantum Computational analysis of First row of Transition metal" is the bonafide record of Project work done by Ms. S. Jasmibirla (Roll No.20PHE03) student of B.Sc., (Physics) St. Joseph's College of Arts & Science (Autonomous), Cuddalore, during the period of 2022-2023 in partial fulfilment of the requirements for award of the degree of **BACHELOR OF SCIENCE IN PHYSICS**.

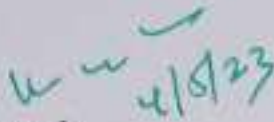


Head of the department  
Rev. Fr.Dr.S. XAVIER  
Head of the Department,  
PG & Research  
Department of Physics  
St. Joseph's College of Arts and Science  
(Autonomous)  
Cuddalore. 607001.



Internal guide  
Rev. Fr.Dr.S. XAVIER  
Head of the Department  
PG & Research  
Department of Physics,  
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(Autonomous)  
Cuddalore 607001

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the viva -voice examination held on 04.05.2023*

  
4/5/23

Examiner 1:

  
4/5/23

Examiner 2:

**QUANTUM COMPUTATIONAL ANALYSIS OF FIRST ROW OF  
TRANSITION METAL - NICKEL**

*A dissertation submitted to*

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (Autonomous)**

*Affiliated to*

**THIRUVALLUVAR UNIVERSITY**

*in partial fulfillment for the award of the degree of*

**BACHELOR OF SCIENCE**

**IN**

**PHYSICS**

*Submitted by*

**S. BARKAVI**

**(Roll No:A20PHE01)**

*Under the guidance of research supervisor*

**Rev. Fr. Dr. Xavier, M.Sc., B.Ed., M.Phil., Ph.D.,**

**CONTROLLER OF EXAMINATIONS**

**HEAD OF THE DEPARTMENT**

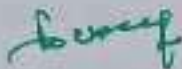


**PG & Research Department of Physics,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore-607 001**

**MAY - 2023**

### BONAFIDE CERTIFICATE

This is to certify that the dissertation entitle "Quantum Computational analysis of First row of Transition metal" is the bonafide record of Project work done by Ms. S. Barkavi (Roll No. A20PHE01) student of B.Sc., (Physics) St. Joseph's College of Arts & Science (Autonomous), Cuddalore , during the period of 2020-2023 in partial fulfilment of the requirements for the award of the degree of **BACHELOR OF SCIENCE IN PHYSICS**.



**Head of the department**  
**Rev. Fr. Dr. S. XAVIER**

Head of the Department,  
PG & Research Department of Physics,  
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(Autonomous), Cuddalore – 607001.



**Internal guide**  
**Rev. Fr. Dr. S. XAVIER**

Head of the Department  
PG & Research Department of Physics,  
St. Joseph's College of Arts & Science,  
(Autonomous), Cuddalore – 607001.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the viva -voice examination held on 04/05/2023*



**Examiner 1:**

**Examiner 2:**



# ACCIDENT PREVENTION SYSTEM USING EYE BLINK SENSOR

*Dissertation submitted to the*  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

*In partial fulfillment of the requirement for the award of the Degree of*  
BACHELOR OF SCIENCE IN PHYSICS

*Submitted by*

DHIVYA R

(Reg. No: A20PHE24)

*Under the guidance of research supervisor*

Dr. M. MARIA JULIE, M. Sc., M. Phil., B.Ed., Ph.D.,

Assistant Professor,



POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)  
CUDDALORE – 607 001

MAY 2023

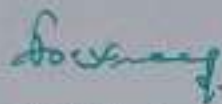


Dr. M. MARIA JULIE, M. Sc., M. Phil., B.Ed., Ph.D.,  
Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

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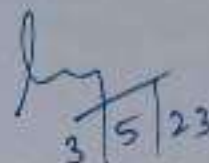
### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "ACCIDENT PREVENTION SYSTEM USING EYE BLINK SENSOR" submitted by R. DHIVYA (Roll No. A20PHE24) in partial fulfillment of the requirements for the award of the BACHELOR OF SCIENCE IN PHYSICS, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.



Rev. Fr. Dr. S. Xavier,  
COE & Head,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.




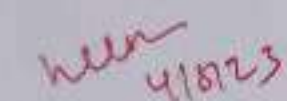
Dr. M. Maria Julie,  
Assistant Professor,

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St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

---

### Examiners

1. 
2. 

# **EMISSION MONITORING SYSTEM**

*Dissertation submitted to the*

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*

**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*

**BHUVANESWARI V**

**(Reg. No: A20PHE16)**

*Under the guidance of research supervisor*

**Dr. K. ELAYA KUMAR, M. Sc., M.Ed., Ph.D.,**

**Assistant Professor,**



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**CUDDALORE – 607 001**

**MAY 2023**

Dr. K. ELAYA KUMAR, M. Sc., M.Ed., Ph.D.,

Assistant Professor,

PG & Research Department of physics,

St. Joseph's College of Arts & Science (Autonomous),

Cuddalore-607 001.

---

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "**EMISSION MONITORING SYSTEM**" submitted by **V. BHUVANESWARI** (Roll No.A20PHE16) in partial fulfillment of the requirements for the award of the **BACHELOR OF SCIENCE IN PHYSICS**, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.

Rev. Fr. Dr. S. Xavier,

COE & Head,

PG & Research Department of Physics,

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(Autonomous), Cuddalore – 01.

Dr. K. Elaya Kumar,

Assistant Professor,

PG & Research Department of Physics,

St. Joseph's College of Arts & Science

(Autonomous), Cuddalore – 01.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

---

#### Examiners

1.

2.

# ***FABRICATION OF HOMEMADE TELESCOPE***

## ***( 28X) - DIY PROJECT***

A Mini – project Report

*Dissertation Submission to the*

**ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement of the award of degree of*

**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*

**SANGEETHA P S**

**(Reg.No: A20PHE20)**

**PRAVEENA JANSI A**

**(Reg.No: A20PHE21)**

**ANUNCIA MARY J**

**(Reg.No: A20PHE23)**

*Under the guidance of research supervisor*

**Dr.H.JUDE LEONARD HILARY,MSc.,M.Ed.,M.Phil.,**

**Assistant Professor,**



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**

**ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE(AUTONOMOUS)**

**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**CUDDALORE – 607001**

**MAY – 2023**



Dr.H.JUDE LEONARD HILARY ,M.Sc.,M.Ed.,M.Phil.,Ph.D.,  
Assistant Professor,

PG & Research Department of physics,

St.Joseph's College of Art's & Science (Autonomous), Cuddalore-607  
001.

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "FABRICATION OF HOMEMADE  
TELESCOPE – (28X) DIY PROJECT" submitted by P.S.SANGEETHA (Roll.No:A20PHE20),  
A.PRAVEENA JANSI(Roll.No:A20PHE21) and J.ANUNCIA MARY (A20PHE23) in partial  
fulfillment of the requirements for the award of the BACHELOR OF SCIENCE IN PHYSICS,  
St.Joseph's College of Arts & Science(autonomous), Cuddalore,2022-2023, was done, during the  
period of her studies under my guidance.

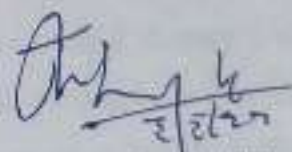


Rev.Fr.Dr.S.Xavier,

CEO & Head,

PG & Research Department of Physics,

St.Joseph's College of Arts & Science  
(Autonomous), Cuddalore – 01.



Dr.H.Jude Leonard Hilary,

Assistant Professor,

PG & Research Department of Physics,

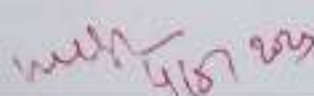
St.Joseph's College of Arts & Science,  
(Autonomous), Cuddalore – 01.

*Submitted to St.Joseph's College of Arts & Science (Autonomous), Cuddalore at the viva-voice*

*examination held on- 04.05.2023*

Examiner

1. 

2. 

**ANTIBACTERIAL ACTIVITY ON 2, 4-DICHLORO-1-(2-  
PROPYNYLOXY) BENZENE**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*  
**ABINAYA R**  
(Reg. No: A20PHE28)

*Under the guidance of research supervisor*  
**Dr. S. SANGEETHA MARGREAT, M. Sc., M. Phil., Ph.D.,**  
**Assistant Professor,**



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE – 607 001**

**MAY 2023**

Dr. S. SANGEETHA MARGREAT, M. Sc., M. Phil., Ph.D.,  
Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

---

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "**ANTIBACTERIAL ACTIVITY ON 2,4-DICHLORO-1-(2-PROPYNYLOXY) BENZENE**" submitted by **R. ABINAYA** (Roll No.A20PHE28) in partial fulfillment of the requirements for the award of the **BACHELOR OF SCIENCE IN PHYSICS**, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.

*Saxxy*

Rev. Fr. Dr. S. Xavier,  
COE & Head,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

*S. Sangeetha Margreat* 2/5/23

Dr. S. Sangeetha Margreat,  
Assistant Professor,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on 04/5/23*

---

#### Examiners

- W. L.* 4/5/23
- W. L.* 4/5/23

# **ACCIDENT PREVENTION SYSTEM USING EYE BLINK SENSOR**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*  
**KEERTHIGA K**  
(Reg. No: A20PHE27)

*Under the guidance of research supervisor*  
**Dr. M. MARIA JULIE, M. Sc., M. Phil., B.Ed., Ph.D.,**  
**Assistant Professor,**



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE – 607 001**

**MAY 2023**




Dr. M. MARIA JULIE, M. Sc., M. Phil., B.Ed., Ph.D.,  
Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

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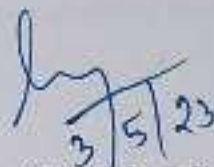
### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "**ACCIDENT PREVENTION SYSTEM USING EYE BLINK SENSOR**" submitted by **K. KEERTHIGA** (Roll No.A20PHE27) in partial fulfillment of the requirements for the award of the **BACHELOR OF SCIENCE IN PHYSICS**, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.



Rev. Fr. Dr. S. Xavier,  
COE & Head,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.



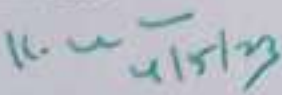
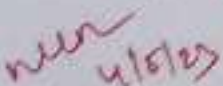
Dr. M. Maria Julie,  
Assistant Professor,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

---

#### Examiners

1. 
2. 

# **ACCIDENT PREVENTION SYSTEM USING EYE BLINK SENSOR**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*  
**RABIYA R**  
(Reg. No: A20PHE25)

*Under the guidance of research supervisor*  
**Dr. M. MARIA JULIE, M. Sc., M. Phil., B.Ed., Ph.D.,**  
**Assistant Professor,**



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE – 607 001**

**MAY 2023**

Dr. M. MARIA JULIE, M. Sc., M. Phil., B.Ed., Ph.D.,  
Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

---

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "**ACCIDENT PREVENTION SYSTEM USING EYE BLINK SENSOR**" submitted by **R. RABIYA** (Roll No.A20PHE25) in partial fulfillment of the requirements for the award of the **BACHELOR OF SCIENCE IN PHYSICS**, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.

Rev. Fr. Dr. S. Xavier,  
COE & Head,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

Dr. M. Maria Julie,  
Assistant Professor,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

---

#### Examiners

- 1.
- 2.

**VIBRATIONAL ANALYSIS ON  
2,4-DICHLORO-1-(2-PROPYNYOXY) BENZENE**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*  
**BALGEES BI N**  
**(Reg. No: A20PHE29)**

*Under the guidance of research supervisor*  
**Dr. S. SANGEETHA MARGREAT, M. Sc., M. Phil., Ph.D.,**  
**Assistant Professor,**



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE – 607 001**

**MAY 2023**




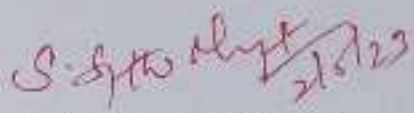
Dr. S. SANGEETHA MARGREAT, M. Sc., M. Phil., Ph.D.,  
Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

---

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "**VIBRATIONAL ANALYSIS ON 2,4-DICHLORO-1-(2-PROPYNLOXY) BENZENE**" submitted by **N. BALGEES BI** (Roll No. A20PHE29) in partial fulfillment of the requirements for the award of the **BACHELOR OF SCIENCE IN PHYSICS, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023**, was done, during the period of her studies under my guidance.

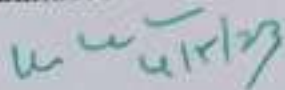
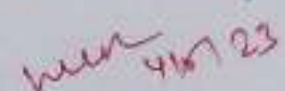
  
Rev. Fr. Dr. S. Xavier,  
COE & Head,  
PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

  
Dr. S. Sangeetha Margreat,  
Assistant Professor,  
PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on 04/05/23

---

#### Examiners

- 
- 

# EMISSION MONITORING SYSTEM

*Dissertation submitted to the*  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

*In partial fulfillment of the requirement for the award of the Degree of*  
BACHELOR OF SCIENCE IN PHYSICS

*Submitted by*  
RUBIGA P  
(Reg. No: A20PHE17)

*Under the guidance of research supervisor*  
Dr. K. ELAYA KUMAR, M. Sc., M.Ed., Ph.D.,  
Assistant Professor,



POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
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CUDDALORE – 607 001

MAY 2023

**Dr. K. ELAYA KUMAR, M. Sc., MEd., Ph.D.,**  
Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

---

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "**EMISSION MONITORING SYSTEM**" submitted by **P. RUBIGA** (Roll No. A20PHE17) in partial fulfillment of the requirements for the award of the **BACHELOR OF SCIENCE IN PHYSICS**, **St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023**, was done, during the period of her studies under my guidance.



Rev. Fr. Dr. S. Xavier,  
COE & Head,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore – 01.



Dr. K. Elaya Kumar,  
Assistant Professor,


PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore – 01.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

---

#### Examiners

1. 

2. 

**QUANTUM COMPUTATIONAL ANALYSIS ON STABILITY OF ZINC  
CLUSTERS**

*A dissertation submitted to*

**ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

*Affiliated to*

**THIRUVALLUVAR UNIVERSITY**

*In partial fulfillment of the degree of*

**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*

**B.BHUVANESWARI**

**(Roll No.A20PHE02)**

*Under the guidance of*

**Rev. Fr .Dr. S. Xavier, M.Sc, B.Ed ,M.Phil, Ph.D**

**CONTROLLER OF EXAMINATIONS**

**HEAD OF THE DEPARTMENT**



*PG & Research Department of physics,*

*St. Joseph's College of Arts & Science (Autonomous)*

*Cuddalore-607001*

**MAY – 2023**



Rev. Fr. Dr. S. XAVIER M.Sc, B.Ed, M.Phil, Ph.D  
COE & Head,  
PG & Research Department of physics,  
St. Joseph's college of Arts & Science (Autonomous), Cuddalore -01

---

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "*QUANTUM COMPUTATIONAL ANALYSIS ON STABILITY OF ZINC CLUSTERS*" submitted by *BHUVANESWARI B* (Roll No. A20PHE02) in partial fulfillment of the degree, *BACHELOR OF SCIENCE IN PHYSICS* was done during the period of her studies under my guidance.



Head of the Department  
Rev. Fr. Dr. S. Xavier,  
COE & Head,

PG & Research Department of physics ,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore-01

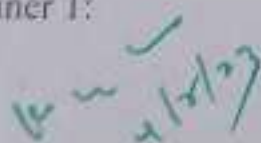


Internal Guide  
Rev. Fr. Dr. S. Xavier,  
COE & Head,

PG & Research Department of physics ,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore-01

*Submitted to St. Joseph's college of Arts & Science (Autonomous), Cuddalore at  
the viva voce examination held on 04.05.2023*

Examiner 1:



Examiner 2:



# **EMISSION MONITORING SYSTEM**

*Dissertation submitted to the*

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*

**PRABA V**

**(Reg. No: A20PHE18)**

*Under the guidance of research supervisor*

**Dr. K. ELAYA KUMAR, M. Sc., M.Ed., Ph.D.,**

**Assistant Professor,**



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**CUDDALORE – 607 001**

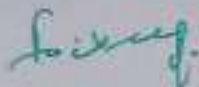
**MAY 2023**

Dr. K. ELAYA KUMAR, M. Sc., M.Ed., Ph.D.,  
Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

---

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "**EMISSION MONITORING SYSTEM**" submitted by **PRABA V** (Roll No.A20PHE18) in partial fulfillment of the requirements for the award of the **BACHELOR OF SCIENCE IN PHYSICS**, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.



Rev. Fr. Dr. S. Xavier,

COE & Head,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.



Dr. K. Elaya Kumar,



Assistant Professor,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on

---

#### Examiners

1. 
2. 

**IMPACT OF ZINC DOPING ON MAGNETIZATION PROPERTIES OF  
MAGNESIUM FERRITE SYNTHESIZED USING  
CO-PRECIIPITATION METHOD**

*A Dissertation Submitted to the*

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In Partial Fulfillment of the Requirement for the Award of the Degree of*

*BACHELOR OF SCIENCE IN PHYSICS Submitted by*

**R.VARSHINI (A20PHE12)**

**S.YAZHINI (A20PHE13)**

**R.DEEPIKA (A20PHE15)**

*Under the Supervision and Guidance of*

**Dr. R. SAGAYARAJ, M.Sc., M.Phil., B.Ed., PhD.,**

*Assistant Professor*

**PG & RESEARCH DEPARTMENT OF PHYSICS**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**


**CUDDALORE – 607 001**


**APRIL – 2023**



**CERTIFICATE**

This is to certify that this report entitled "IMPACT OF ZINC DOPING ON MAGNETIZATION PROPERTIES OF MAGNESIUM FERRITE SYNTHESIZED USING CO-PRECIIPITATION" is a bonafide record of the project Work done by VARSHINI.R(A20PHE12), YAZHINLS (A20PHE13), DEEPIKA.R(A20PHE15) during the year 2020-23 in partial fulfillment of the award of the Degree of **BACHELOR OF SCIENCE IN PHYSICS**.

  
**Rev. Fr. Dr.S. XAVIER**  
**Assistant Professor & Head**  
Department of Physics

  
**Dr.R.SAGAYARAJ**  
**Assistant Professor**  
Department of Physics

*Submitted to St. Joseph's College of Arts and Science  
(Autonomous), Cuddalore at the Viva-Voce Examination held on*

4/5/23

  
**EXAMINER: 1**

  
**EXAMINER: 2**

**Green synthesis of silver nanoparticle using *Abutilon indicum* leaf extract**

**Dissertation submitted to the  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)**

**In partial fulfillment of the requirement of the award of degree of  
BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*

**JOTHSANA S (A20PHE04)**

**POOJA S (A20PHE06)**

**RAJASRI J (A20PHE07)**

*Under the guidance of research supervisor*

**Dr. V. SATHANA M.Sc., M.Phil., PGDCA., Ph.D.**



**PG & RESEARCH DEPARTMENT OF PHYSICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**CUDDALORE – 607001**

**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**APRIL – 2023**

**Dr. V. Sathana (M. Sc., M.Phil., PGDCA., Ph.D.)**  
Assistant Professor,  
PG & Research Department of physics,  
St.Joseph's College of Art's & Science (Autonomous), Cuddalore-607 001.

---

### **BONAFIDE CERTIFICATE**

This is to certify that the project work entitled "**Green synthesis of silver nanoparticle using *Abutilon Indicum***" submitted by **S. JOTHSANA (A20PHE04), S. POOJA (A20PHE06) and J. RAJASRI (A20PHE07)** in partial fulfillment of the requirements for the award of the **BACHELOR OF science in physics, St.Joseph's College Of Arts & Science, Cuddalore-607001. 2022-2023**, was done during the period of her studies under my guidance.

**Rev. Fr. Dr. S. Xavier,**  
COE & Head,  
PG & Research Department  
of Physics,  
St. Joseph's College of Arts &  
Science (Autonomous)  
Cuddalore- 607 001.

**Dr. V. Sathana,**  
Assistant Professor,  
PG & Research Department  
of Physics,  
St.Joseph's College of Arts &  
Science(Autonomous)  
Cuddalore-607001.

*Submitted to St. Joseph's College of Arts & Science(Autonomous), Cuddalore at the viva-voice examination held on –*

---

**Examiner**

1.

2.

**S. JOTHSANA (A20PHE04),**

**S. POOJA (A20PHE06),**

**J. RAJASRI (A20PHE07),**

III – B.Sc. Physics (Shift – II),

PG & Research Department of Physics,

St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607001.

---

## **DECLARATION**

We hereby declare that the project entitled “**Green synthesis of silver nanoparticle using *Abutilon Indicum***” submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 607001 in partial fulfillment of the requirement of the Degree of Bachelor of Science in Physics is a record of original project work done by us during the period of study, under the guidance of **Dr. V. Sathana, M.Sc., M.Phil., PGDCA, Ph.D.** Assistant Professor in Physics, St. Joseph's college of Arts & Science (Autonomous), Cuddalore – 1.

We further declare that no part of this dissertation has been submitted elsewhere for the award of our other degree.

**SIGNATURE OF THE CANDIDATES**



## **ACKNOWLEDGEMENT**

First and foremost, we thank the lord almighty for given us the strength & courage to complete this project work. At this moment of presenting our project work, we take the privilege to express our sincere thanks to all those who helped us in the completion of this project in the successful manner.

We take this opportunity to thank **Rev. Fr. Secretary** and **Principal**, St. Joseph's college of Arts & Science (Autonomous) Cuddalore, who took keen interest in every effort of mine throughout this project period.

The successful completion of this project is largely due to the took keen interest in every effort of mine throughout this project period specification of **Rev. Fr. Dr. S. Xavier, M.Sc., B. Ed., M.Phil., Ph.D.** Head, PG & Research Department of Physics for this valuable direction and guidelines.

We express our sincere thanks with warmest regards to my internal guide **Dr. V. Sathana, M.Sc., M.Phil., PGDCA., Ph.D., Assistant Professor & Project guide**, who had concerted all her efforts towards this efficient and effective accomplishment of this project work.

We express our gratitude to all the staff members of the department with whom we felt blessed. It could make everyone to feel better by expressing deep sense of gratitude with affection to our parents and friends, who had shared their valuable time in helping me to come out with flying colors.

Finally, Thanks to one & all.

**JOTHSANA.S**

**POOJA.S**

**RAJASRIJ**

# **GREEN SYNTHESIS OF NANOMATERIALS USING PEDALIMUM MUREX LINN LEAF BY CO-PRECIIPITATION METHOD**

*A dissertation submitted to*

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (Autonomous)**

*Affiliated to*

**THIRUVALLUVAR UNIVERSITY**

*in partial fulfillment for the award of the degree of*

**BACHELOR OF SCIENCE  
in  
PHYSICS**

*Submitted by*

**RAMYA. R (Roll No: A20PHE30)**

**NABIYA. A(Roll No:A20PHE31)**

*Under the guidance of research supervisor*

**Dr. S. Sebastian, M.Sc, Ph.D.,**

**ASSISTANT PROFESSOR**

**PG & RESEARCH DEPARTMENT OF PHYSICS.**



**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE-607 001**

**MAY-2023**

**Dr. S. Sebastian, M.Sc, Ph.D.,**  
Assistant Professor,  
PG & Research Department of Physics  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore – 607 001

---

**BONAFIDE CERTIFICATE**

This is to certify that the dissertation entitle "**Green Synthesis of Nanomaterials using pedaliun murex Linn leaf by Co-precipitation method**" is the bonafide record of research work done by **Ramya. R, Nabiya. A**(Roll No. A20PHE30, A20PHE31) student of B.Sc.,(Physics) St. Joseph's College of Arts & Science (Autonomous), Cuddalore, during the period of 2022-2023 in partial fulfilment of the requirements for the award of the degree of **BACHELOR OF SCIENCE IN PHYSICS.**



**Head of the department**

**Rev. Fr.Dr.S. XAVIER**  
Head of the Department,  
PG & Research  
Department of Physics  
St. Joseph's College of Arts  
and Science (Autonomous)  
Cuddalore-607 001.



**Internal Guide**

**Dr. S. Sebastian**  
Assistant Professor,  
PG & Research  
Department of Physics,  
St. Joseph's College of Arts  
and Science (Autonomous)  
Cuddalore-607 001.

*Submitted to St. Joseph's College Of Arts And Science (Autonomous), Cuddalore at  
the viva-voice examination held on*

04.05.2023

  
**Examiner: 1**

  
**Examiner: 2**

**COMPARATIVE ANALYSIS OF Co-NiFe<sub>2</sub>O<sub>4</sub> AND  
Cu-ZnFe<sub>2</sub>O<sub>4</sub> NANOPARTICLES: SYNTHESIS,  
CHARACTERIZATION, AND POTENTIAL APPLICATIONS**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*  
**SUBASHINI G**  
(Reg. No: A20PHE10)

*Under the guidance of research supervisor*  
**Dr. M. SATHISH, M. Sc., B. Ed., M. Phil., Ph.D.,**  
**Assistant Professor,**



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE – 607 001**

**MAY 2023**



**Dr. M. SATHISH, M. Sc., B. Ed., M. Phil., Ph.D.,**

Assistant Professor,

PG & Research Department of physics,

St. Joseph's College of Arts & Science (Autonomous),

Cuddalore-607 001.

---

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "**COMPARATIVE ANALYSIS OF  $\text{Co-NiFe}_2\text{O}_4$  AND  $\text{Cu-ZnFe}_2\text{O}_4$  NANOPARTICLES: SYNTHESIS, CHARACTERIZATION, AND POTENTIAL APPLICATIONS**" submitted by **G. SUBASHINI** (Roll No.A20PHE10) in partial fulfillment of the requirements for the award of the **BACHELOR OF SCIENCE IN PHYSICS**, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.



Rev. Fr. Dr. S. Xavier,

COE & Head,

PG & Research Department of Physics,

St. Joseph's College of Arts & Science

(Autonomous), Cuddalore – 01.



Dr. M. Sathish,

Assistant Professor,

PG & Research Department of Physics,

St. Joseph's College of Arts & Science

(Autonomous), Cuddalore – 01.

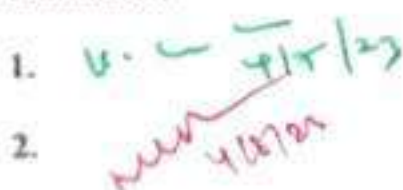
*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on*

---

#### Examiners

1.

2.



# **STRUCTURAL AND MAGNETIC CHARACTERIZATION OF Cu-MgFe<sub>2</sub>O<sub>4</sub> and Cu-ZnFe<sub>2</sub>O<sub>4</sub> NANOPARTICLES**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*  
**SAVITHA M**  
**(Reg. No: A20PHE08)**

*Under the guidance of research supervisor*  
**Dr. M. SATHISH, M. Sc., B. Ed., M. Phil., Ph.D.,**  
**Assistant Professor,**



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE – 607 001**

**MAY 2023**

Dr. M. SATHISH, M. Sc., B. Ed., M. Phil., Ph.D.,  
Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

---

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "STRUCTURAL AND MAGNETIC CHARACTERISATION OF  $\text{Cu-MgFe}_2\text{O}_4$  and  $\text{Cu-ZnFe}_2\text{O}_4$  NANOPARTICLES" submitted by M. SAVITHA (Roll No.A20PHE08) in partial fulfillment of the requirements for the award of the BACHELOR OF SCIENCE IN PHYSICS, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.



Rev. Fr. Dr. S. Xavier,  
COE & Head,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

 03.05.23  
Dr. M. Sathish,

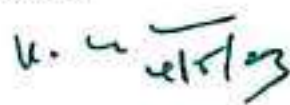

Assistant Professor,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on 04.05.2023

---

### Examiners

1.  04/5/23
2.  04/5/23

**Cu-MgFe<sub>2</sub>O<sub>4</sub> AND Co-NiFe<sub>2</sub>O<sub>4</sub> NANOPARTICLES: A  
COMPARATIVE STUDY OF STRUCTURAL AND  
MAGNETIC PROPERTIES**

*Dissertation submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*  
**THEJESWINI N**  
(Reg. No: A20PHE11)

*Under the guidance of research supervisor*  
**Dr. M. SATHISH, M. Sc., B. Ed., M. Phil., Ph.D.,**  
**Assistant Professor,**



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE – 607 001**

**MAY 2023**



Dr. M. SATHISH, M. Sc., B. Ed., M. Phil., Ph.D.,  
Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

---

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled " $\text{Cu-MgFe}_2\text{O}_4$  AND  $\text{Co-NiFe}_2\text{O}_4$  NANOPARTICLES: A COMPARATIVE STUDY OF STRUCTURAL AND MAGNETIC PROPERTIES" submitted by N. THEJESWINI (Roll No.A20PHE11) in partial fulfillment of the requirements for the award of the **BACHELOR OF SCIENCE IN PHYSICS**, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 2022-2023, was done, during the period of her studies under my guidance.



Rev. Fr. Dr. S. Xavier,  
COE & Head,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

 03.05.23  
Dr. M. Sathish,

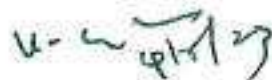

Assistant Professor,

PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 01.

Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on 04.05.2023

---

### Examiners

1. 
2. 

# **THEORETICAL STUDY ON METHYL YELLOW USING SEMI EMPIRICAL AND HARTREE FOCK METHODS**

Thesis submitted to St. Joseph's College of Arts and Science (Autonomous)

In partial fulfillment of the requirements for the award of the degree of

**MASTER OF SCIENCE IN CHEMISTRY**

**BY**

**R.ANBARASI**

**(Reg. No: A21MCH01)**

Under the Guidance of

**Dr. V.PERIYANAYAGASAMY M.Sc., M. Phil., Ph.D.,**

Assistant professor in chemistry

St. Joseph's College of Arts and Science (Autonomous)

Cuddalore-607 001.



**POST GRADUATE & RESEARCH DEPARTMENT OF CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

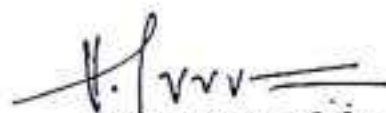
**CUD DALORE-607 001**

**APRIL-2023**



## CERTIFICATE

This is to certify that this thesis entitled "THEORETICAL STUDY ON METHYL YELLOW USING SEMI EMPIRICAL AND HARTREE FOCK METHODS" submitted to St. Joseph's College of Arts and Science (Autonomous) in partial fulfillment for the award of the Degree of Master of Science in Chemistry is a bonafide record of work carried out by ANBARASIR (A21MCH01) under my guidance for the Academic period 2022-2023.



Signature of the Guide

(V. PERIYANAYAGASAMY)



HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE

Head of the Department

Examiner 1:



Examiner 2:



02/05/23

# **THEORETICAL STUDY ON ORANGE (ii) USING SEMI EMPIRICAL AND HARTREE FOCK METHODS**

Thesis submitted to St. Joseph's College of Arts and Science (Autonomous)

In partial fulfillment of the requirements for the award of the degree of

**MASTER OF SCIENCE IN CHEMISTRY**

**BY**

**S.ARIVANANTHAM**

**(Reg. No: A21MCH02)**

Under the Guidance of

**Dr. V.PERIYANAYAGASAMY M.Sc., M. Phil., Ph.D.,**

Assistant professor in chemistry

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Cuddalore-607 001.



**POST GRADUATE & RESEARCH DEPARTMENT OF CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

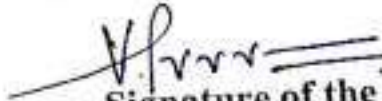
**CUDDALORE-607 001**

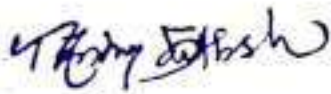
**APRIL-2023**



## CERTIFICATE

This is to certify that this thesis entitled "**THEORETICAL STUDY ON ORANGE(ii) USING SEMI EMPIRICAL AND HARTREE FOCK METHODS**" submitted to St. Joseph's College of Arts and Science (Autonomous) in partial fulfillment for the award of the Degree of Master of Science in Chemistry is a bonafide record of work carried out by **ARIVANANTHAM.S (A21MCH02)** under my guidance for the Academic period 2022-2023.

  
Signature of the Guide  
(V.PERIYANAYAGASAMY)




HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
COOPIAL, OMR, METTUR

Head of the Department

Examiner 1:

  
24/5/23

Examiner 2:

  
02/05/23

# **SYNTHESIS AND FT-IR SPECTRAL CHARACTERIZATION STUDIES OF ETHYL AND MORPHOLINOPHENYL SUBSTITUTED OXAZINE**

A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**MASTER OF SCIENCE  
IN  
CHEMISTRY**

By

**R. EZHUMALAI**  
(Roll No.: A21MCH04)

Under the Guidance of

**Dr. A. AMALORPAVADOSS, M.Sc., B.Ed., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDDALORE - 607001**

**APRIL 2023**




**Dr. A. AMALORPAVADOSS, M.Sc., B.Ed., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

---

## CERTIFICATE

This is to certify that this Dissertation on "**SYNTHESIS AND FT-IR SPECTRAL CHARACTERIZATION STUDIES OF ETHYL AND MORPHOLINOPHENYL SUBSTITUTED OXAZINE**" is a bonafide record of work done by **R. EZHUMALAI (A21MCH04)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE - 1**, Affiliated to **ANNAMALAI UNIVERSITY** in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN CHEMISTRY**.

  
**Head of the Department**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

  
**Project Guide**

Submitted for Viva-Voce Examination held on 02/05/2023

Examiners:

1.   
2/5/23

2.   
02/05/23

**SYNTHESIS AND FT-IR SPECTRAL  
CHARACTERIZATION STUDIES OF ETHYL AND  
MORPHOLINOPHENYL SUBSTITUTED THIAZINE**

A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**MASTER OF SCIENCE  
IN  
CHEMISTRY**

By

**V. ISWARIYA  
(Roll No.: A21MCH06)**

Under the Guidance of

**Dr. A. AMALORPAVADOSS, M.Sc., B.Ed., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDDALORE - 607001**

**APRIL 2023**





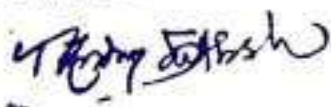
**Dr. A. AMALORPAVADOSS, M.Sc., B.Ed., M.Phil., Ph.D.**

Assistant Professor, Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

---

## **CERTIFICATE**

This is to certify that this Dissertation on "**SYNTHESIS AND FT-IR SPECTRAL CHARACTERIZATION STUDIES OF ETHYL AND MORPHOLINOPHENYL SUBSTITUTED THIAZINE**" is a bonafide record of work done by **V. ISWARIYA (A21MCH06)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE - 1**, Affiliated to **ANNAMALAI UNIVERSITY** in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN CHEMISTRY**.



**Head of the Department**

  
**Project Guide**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDDALORE - 607 001

Submitted for Viva-Voce Examination held on 02/05/2023

**Examiners:**

1.   
02/05/23

2.   
02/05/23

# **A DFT Studies on Adsorption of H<sub>2</sub> over the Fe-Borazine**

A Project Report submitted to St. Joseph's College of Arts and Science (Autonomous)  
In partial fulfilment of the requirements for the award of the degree of

## **MASTER OF SCIENCE IN CHEMISTRY**

By

**J. JANAKIRAMAN**  
(Reg. No: A21MCH07)

Under the guidance of

**Dr. T. ANTONY SANDOSH, M.Sc., M.Phil., Ph.D.,**

Head of PG & Research Department of Chemistry

St. Joseph's College of Arts and Science (Autonomous)

Cuddalore – 607 001.



**POST GRADUATE & RESEARCH DEPARTMENT OF  
CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)  
CUDDALORE-607 001  
MAY-2023**

## CERTIFICATE

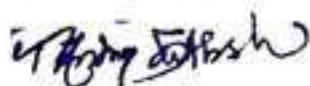
This is to certify that this Project Report entitled "A DFT Studies on Adsorption of H<sub>2</sub> over the Fe-Borazine" Submitted to St. Joseph's College of Arts and Science (Autonomous) in partial fulfilment for the award of the Degree of Master of Science in Chemistry in a bonafide record of work carried out by JANAKIRAMAN. J (A21MCH07) under my guidance for the Academic period 2021-2023.

  
Signature of the guide

Dr. T. ANTONY SANDOSH

1.   
8/5/23

Forwarded by



(Head of the Department)

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCES  
(Autonomous)  
COIMBATORE - 607 001

2.   
02/05/23



# **A COMPARATIVE COMPUTATIONAL STUDY OF A NEWLY DESIGNED PIPERIDIN-4-ONE MOLECULE USING DFT AND HF METHODS**

A Project Report submitted to St. Joseph's College of Arts and Science  
(Autonomous)

In partial fulfilment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN CHEMISTRY**

**By**

**V. JOSEPH ZERUBBABEL**

**(Reg. No: A21MCH08)**

Under the guidance of

**Dr. T. ANTONY SANDOSH M.Sc., M.Phil., Ph.D.,**

Assistant Professor, Head of the department,  
PG & Research Department of Chemistry,



**POST GRADUATE & RESEARCH DEPARTMENT OF  
CHEMISTRY**

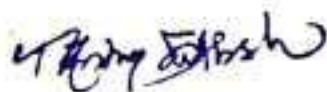
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS) - CUDDALORE-607001**

**MAY-2023**



# CERTIFICATE

This is to certify that this thesis entitled "A COMPARATIVE COMPUTATIONAL STUDY OF A NEW DESIGNED PIPERIDIN-4-ONE MOLECULE USING DFT AND HF METHODS" Submitted to St. Joseph's College of Arts and Science (Autonomous) in partial fulfilment for the award of the Degree of Master of Science in Chemistry in a bonafide record of work carried out by **JOSEPH ZERUBBABEL. V (A21MCH08)** under my guidance for the Academic period 2021-2023.



HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
COIMBATORE - 607 001



Signature of the guide & Head of the Department  
**Dr. T. ANTONY SANDOSH M.Sc., M.Phil., Ph.D.,**



EXAMINER - 1



EXAMINER - 2



**THEORETICAL STUDY ON 2,6-DI(1H-INDOLE-3-YL) PIPERIDIN-4-ONE  
USING SEMI EMPIRICAL AND HARTREE FOCK METHOD**

A Project Report submitted to St. Joseph's College of Arts and Science (Autonomous)

In partial fulfillment of the requirements for the award of the degree of

**MASTER OF SCIENCE IN CHEMISTRY**

**BY**

**R. KALAISELVI**

**(Reg. No: A21MCH09)**

Under the Guidance of

**Dr. T. ANTONY SANDOSH M.Sc., M.Phil., Ph.d.,**

Head, PG & Research Department of Chemistry

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**POST GRADUATE & RESEARCH DEPARTMENT OF CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607 001**

**APRIL- 2023**

## CERTIFICATE

This is to certify that this Project Report entitled "THEORETICAL STUDY ON 2,6-DI(1H-INDOLE-3-YL) PIPERIDIN-4-ONE USING SEMI EMPIRICAL AND HARTREE FOCK METHOD" submitted to St. Joseph's College of Arts and Science (Autonomous) in partial fulfillment for the award of the Degree of Master of Science in Chemistry is a bonafide record of work carried out by KALAISELVIR (A21MCH09) under my guidance for the Academic period 2021-2023.



Signature of the Guide and Head of the Department

Dr. T. ANTONY SANDOSH



HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
S. J. COLLEGE (A21MCH09)

Examiner 1:

  
8/15/23

Examiner 2:

  
02/10/23

# **THE ONE-POT THREE-COMPONENT ECO-FRIENDLY SYNTHESIS OF SPIROOXINDOLES IN DEEP EUTECTIC SOLVENT**

*A Thesis submitted to St. Joseph's College of Arts and Science (Autonomous)*

*In partial fulfillment of the requirements for the award of the degree of*

**MASTER OF SCIENCE IN CHEMISTRY**

**BY**

**K. KEERTHIGA**

**(Reg. No: A21MCH11)**

Under the Guidance of

**Mr. G. ANAND M.Sc., M.Phil, SET.,**

Assistant Professor, PG and Research Department of Chemistry



**POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607 001**

**MAY-2023**



## CERTIFICATE

Mr. G. ANAND M.Sc., M. Phil., SET.,  
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Cuddalore – 607001.

This is to certify that this thesis entitled "THE ONE-POT THREE-COMPONENT ECO-FRIENDLY SYNTHESIS OF SPIROOXINDOLES IN DEEP EUTECTIC SOLVENT" submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore-01 Affiliated to Annamalai University, Chidambaram in partial fulfillment for the award of the Degree of Master of Science in Chemistry in a bonafide record of work carried out by KEERTHIGA.K (A21MCH11) under my guidance for the academic period 2021-2023.



**Head of the Department**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDDALORE - 607 001



**Project Guide**

Mr. G. ANAND M.Sc., M. Phil., SET.,

Submitted for the Viva-Voce Examination held on 02-05-2023

**Examiners:**

1.   
2/5/23

2.   
02/05/23

**EFFICIENT ONE-POT REDUCTIVE AMINATION OF CARBONYL  
COMPOUNDS WITH AMBERLITE IR 120 RESIN AS A RECYCLABLE  
CATALYST AND SODIUM BOROHYDRIDE**

*A Thesis submitted to St. Joseph's College of Arts and Science (Autonomous)  
In partial fulfilment of the requirements for the award of the degree of*

**MASTER OF SCIENCE IN CHEMISTRY**

**By**

**D. PERIYAR SELVAN  
(Reg. No: A21MCH12)**

Under the guidance of

**Mr. G. ANAND M.Sc., M.Phil., SET.,**  
Assistant Professor, Department of Chemistry



**PG AND RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607 001**

**MAY-2023**

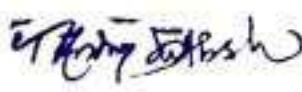



## CERTIFICATE

Mr. G. ANAND M.Sc., M. Phil., SET.,  
Assistant Professor,  
PG And Research Department of Chemistry,  
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Cuddalore – 607001.

## CERTIFICATE

This is to certify that this thesis entitled "EFFICIENT ONE-POT REDUCTIVE AMINATION OF CARBONYL COMPOUNDS WITH AMBERLITE IR 120 RESIN AS A RECYCLABLE CATALYST AND SODIUM BOROHYDRIDE" submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore-01 Affiliated to Annamalai University, Chidambaram in partial fulfilment for the award of the Degree of Master of Science in Chemistry in a bonafide record of work carried out by D. PERIYAR SELVAN (A21MCH12) under my guidance for the Academic period 2021-2023.

  
Head of the Department  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
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(Autonomous)  
Cuddalore - 607 001  
Submitted for the Viva-Voce Examination held on 02/05/2023

  
Project Guide  
Mr. G. ANAND M.Sc., M. Phil., SET.,

### Examiners:

1.   
21/07/23

2.   
02/05/23

**CHOLINE CHLORIDE/ UREA DEEP EUTECTIC SOLVENTS:  
A PROMISING REACTION MEDIUM FOR THE SYNTHESIS  
OF TETRAKETONE DERIVATIVES**

*A Thesis submitted to St. Joseph's College of Arts and Science (Autonomous)  
In partial fulfillment of the requirements for the award of the degree of*

**MASTER OF SCIENCE IN CHEMISTRY**

**BY**

**T.PRIYATHARSHINI**

**(Reg. No: A21MCH13)**

Under the Guidance of

**Mr. G. ANAND M.Sc., M.Phil, SET.,**

Assistant Professor, PG and Research Department of Chemistry



**POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607 001**

**MAY-2023**



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Mr. G. ANAND M.Sc., M. Phil., SET.,  
Assistant Professor,  
PG and Research Department of Chemistry,  
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Cuddalore – 607001.

This is to certify that this thesis entitled "**CHOLINE CHLORIDE/ UREA DEEP EUTECTIC SOLVENTS: A PROMISING REACTION MEDIUM FOR THE SYNTHESIS OF TETRAKETONE DERIVATIVES**" submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore-01 Affiliated to Annamalai University, Chidambaram in partial fulfillment for the award of the Degree of **Master of Science in Chemistry** in a bonafide record of work carried out by **PRIYATHARSHINI.T (A21MCH13)** under my guidance for the academic period 2021-2023.



**Head of the Department**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
Cuddalore - 607 001



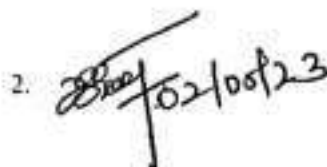
**Project Guide**

Mr. G. ANAND M.Sc., M. Phil., SET.,

Submitted for the Viva-Voce Examination held on 02.05.2023

**Examiners:**

1.   
01/5/23

2.   
02/05/23

# **THEORETICAL STUDY ON METHYL ORANGE USING SEMI EMPIRICAL AND HARTREE FOCK METHODS**

Thesis submitted to St. Joseph's College of Arts and Science (Autonomous)

In partial fulfillment of the requirements for the award of the degree of

**MASTER OF SCIENCE IN CHEMISTRY**

**BY**

**S. RAJASEKAR**

**(Reg. No: A21MCH14)**

Under the Guidance of

**Mr. S. RICHARD RAJKUMAR M.Sc., M. Phil.,**

Assistant professor in chemistry

St. Joseph's College of Arts and Science (Autonomous)

Cuddalore-607 001.



**POST GRADUATE & RESEARCH DEPARTMENT OF CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**


**CUDDALORE-607 001**

**APRIL-2023**

## CERTIFICATE

This is to certify that this thesis entitled "THEORETICAL STUDY ON METHYL ORANGE USING SEMI EMPIRICAL AND HARTREE FOCK METHODS" submitted to St. Joseph's College of Arts and Science (Autonomous) in partial fulfillment for the award of the Degree of Master of Science in Chemistry is a bonafide record of work carried out by RAJASEKAR. S (A21MCH14) under my guidance for the Academic period 2022-2023.

  
Signature of the Guide  
(S. RICHARD RAJKUMAR)

  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCES  
(Autonomous)  
COOGLAURE 007 001

Head of the Department

Examiner 1:



Examiner 2:

 02/05/23

# **THEORETICAL STUDY ON METHYL RED USING SEMI EMPIRICAL AND HARTREE FOCK METHODS**

Thesis submitted to St. Joseph's College of Arts and Science (Autonomous)

In partial fulfillment of the requirements for the award of the degree of

**MASTER OF SCIENCE IN CHEMISTRY**

**BY**

**R. SAKTHIGANAPATHI**

**(Reg. No: A21MCH15)**

Under the Guidance of

**Mr. S. RICHARD RAJKUMAR M.Sc., M. Phil.,**

Assistant professor in chemistry

St. Joseph's College of Arts and Science (Autonomous)

Cuddalore-607 001.



**POST GRADUATE & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607 001**

**APRIL-2023**



## CERTIFICATE

This is to certify that this thesis entitled "THEORETICAL STUDY ON METHYL REDUSING SEMI EMPIRICAL AND HARTREE FOCK METHODS" submitted to St. Joseph's College of Arts and Science (Autonomous) in partial fulfillment for the award of the Degree of Master of Science in Chemistry is a bonafide record of work carried out by SAKTHIGANAPATHI. R (A21MCH15) under my guidance for the Academic period 2022-2023.

  
Signature of the Guide

(S. RICHARD RAJKUMAR)

  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE

Head of the Department

Examiner 1:

  
21/8/23

Examiner 2:

  
02/05/23

# **THEORETICAL STUDY ON META NITRO ORANGE USING SEMI EMPIRICAL AND HARTREE FOCK METHOD**

Thesis submitted to St. Joseph's College of Arts and Science (Autonomous)

In partial fulfillment of the requirements for the award of the degree of

**MASTER OF SCIENCE IN CHEMISTRY**

**BY**

**V.VIJAY**

**(Reg. No: A21MCH16)**

Under the Guidance of

**Dr. S. RICHARD RAJKUMAR M.Sc., M. Phil.,**

Assistant professor in chemistry

St. Joseph's College of Arts and Science (Autonomous)

Cuddalore-607 001.



**POST GRADUATE & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607 001**

**APRIL-2023**

## CERTIFICATE

This is to certify that this thesis entitled "THEORETICAL STUDY ON META NITRO ORANGE USING SEMI EMPIRICAL AND HARTREE FOCK METHOD" submitted to St. Joseph's College of Arts and Science (Autonomous) in partial fulfillment for the award of the Degree of Master of Science in Chemistry is a bonafide record of work carried out by VIJAY.V (A21MCH16) under my guidance for the Academic period 2022-2023.

  
Signature of the Guide  
(S.RICHARD RAJKUMAR)



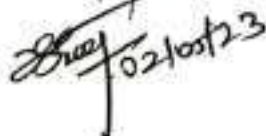
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
WIDOW - 607 004

**Head of the Department**

**Examiner 1:**

  
21/12/23

**Examiner 2:**

  
02/01/23

**A DFT Study on Structural and Bonding Analysis of Transition-Metal Carbonyls  
[M(CO)<sub>4</sub>] with terminal Tin Chalcogenides Complexes [M(CO)<sub>3</sub>SnX] (M=Ni, Pd, and  
Pt; X= O, S, Se, and Te)**

A Project Report submitted to St. Joseph's College of Arts and Science (Autonomous)

In partial fulfilment of the requirements for the award of the degree of

**MASTER OF SCIENCE IN CHEMISTRY**

By

**P.VISHNURAJAN**

(Reg. No: A21MCH17)

Under the guidance of

**Dr. F. PAUL AROKIA DOSS M.Sc., M.Ed., M.Phil., PhD., SET,**

Assistant Professor

PG and Research Department of Chemistry



**POST GRADUATE & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607 001**

**MAY-2023**



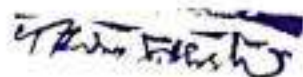
## CERTIFICATE

This is to certify that this Project Report entitled **A DFT Study on Structural and Bonding Analysis of Transition-Metal Carbonyls  $[M(CO)_4]$  with terminal Tin Chalcogenides Complexes  $[M(CO)_3SnX]$  ( $M=Ni, Pd, \text{ and } Pt$ ;  $X=O, S, Se, \text{ and } Te$ )** Submitted to St. Joseph's College of Arts and Science (Autonomous) in partial fulfilment for the award of the Degree of Master of Science in Chemistry in a bonafide record of work carried out by **P.VISHNURAJAN (A21MCH17)** under my guidance for the Academic period 2021-2023.

  
Signature of the guide


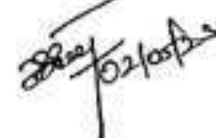
**Dr. F. PAULAROKIADOSS**

Forwarded by



(Head of the Department)

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
TANDALORE - 607 001

1.   
21/5/23
2.   
02/05/23



# **A DFT Studies on Small Molecules of O<sub>2</sub>, SO<sub>x</sub>, N<sub>y</sub>O<sub>x</sub> and CH<sub>4</sub> Adsorption over the Fe-Borazine**

A Project Report submitted to St. Joseph's College of Arts and Science (Autonomous)  
In partial fulfilment of the requirements for the award of the degree of

## **MASTER OF SCIENCE IN CHEMISTRY**

By

**B. YADHAVAN**  
(Reg. No: A21MCH18)

Under the guidance of

**Dr. F. PAUL AROKIADOSS M.Sc., M.Ed., M.Phil., PhD., SET,**

Assistant Professor

PG and Research Department of Chemistry



**POST GRADUATE & RESEARCH DEPARTMENT OF  
CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)  
CUDDALORE-607 001  
MAY-2023**

## CERTIFICATE

This is to certify that this Project Report entitled "A DFT Studies on Small Molecules of  $O_2$ ,  $SO_x$ ,  $N_2O_x$  and  $CH_4$  Adsorption over the Fe-Borazine" Submitted to St. Joseph's College of Arts and Science (Autonomous) in partial fulfilment for the award of the Degree of Master of Science in Chemistry in a bonafide record of work carried out by YADHAVAN. B (A21MCH18) under my guidance for the Academic period 2021-2023.



Signature of the guide  
Dr. F. PAULAROKIADOSS

1. 

2. 

Forwarded by



(Head of the Department)

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE  
(Autonomous)  
COOGLAORE 600 001

**A DFT Studies on Structural and Bonding Analysis of  
Transition- Metal Carbonyls  $[M(CO)_4]$  with terminal  
Germanium Chalcogenides Complexes  $[M(CO)_3GeX]$   
( $M=Ni, Pd,$  and  $Pt$ ;  $X=O, S, Se,$  and  $Te$ )**

A Project Report submitted to St. Joseph's College of Arts and Science (Autonomous)  
In partial fulfilment of the requirements for the award of the degree of

**MASTER OF SCIENCE IN CHEMISTRY**

**By**

**S. RENUGA  
(Reg. No: A21MCH19)**

Under the guidance of

**Dr. F. PAUL AROKIADOSS M.Sc., M.Ed., M.Phil., PhD., SET,**

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**POST GRADUATE & RESEARCH DEPARTMENT OF  
CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

**CUDDALORE-607 001**

**MAY-2023**



## CERTIFICATE

This is to certify that this Project Report entitled "A DFT Study on Structural and Bonding Analysis of Transition-Metal Carbonyl  $[M(CO)_4]$  with terminal Germanium Chalcogenides Complexes  $[M(CO)_3Gex]$  ( $M=Ni, Pd,$  and  $Pt$ ;  $X= O, S, Se,$  and  $Te$ )" Submitted to St. Joseph's College of Arts and Science (Autonomous) in partial fulfilment for the award of the Degree of Master of Science in Chemistry in a bonafide record of work carried out by RENUGA .S (A21MCH19) under my guidance for the Academic period 2021-2023.



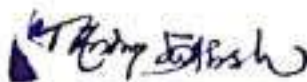
Signature of the guide

Dr. F. PAULAROKIADOSS

1.   
2/8/23

2.   
02/08/23

Forwarded by



(Head of the Department)  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCES  
(Autonomous)  
CUDDALORE - 607 001

**FACILE ONE-POT MULTICOMPONENT SYNTHESIS OF HIGHLY  
FUNCTIONALIZED TETRAHYDROPYRIDINES USING SULFAMIC  
ACID AS AN ORGANOCATALYST**

*A Thesis submitted to St. Joseph's College of Arts and Science (Autonomous)*

*In partial fulfilment of the requirements for the award of the degree of*

**MASTER OF SCIENCE IN CHEMISTRY**

**BY**

**A. SELASTINAL  
(A21MCH20)**

Under the guidance of

**Dr. S. DAVID AMAL RAJ, M.Sc., M.Phil., Ph.D.,**

Assistant Professor of Chemistry



**POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**MAY-2023**

# CERTIFICATE

Dr. S. DAVID AMAL RAJ, M.Sc., M.Phil., Ph.D.,

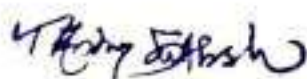
Assistant Professor,

PG and Research Department of Chemistry,

St. Joseph's College of Arts and Science (Autonomous)

Cuddalore – 607001.

This is to certify that the thesis entitled "FACILE ONE-POT MULTICOMPONENT SYNTHESIS OF HIGHLY FUNCTIONALIZED TETRAHYDROPYRIDINES USING SULFAMIC ACID AS AN ORGANOCATALYST" submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore-01 Affiliated to Annamalai University, Chidambaram in partial fulfilment for the award of the Degree of Master of Science in Chemistry in a bonafide record of work carried out by A. SELASTINAL (A21MCH20) under my guidance for the academic period 2021-2023.



Head of the Department

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous),  
Cuddalore-607001

Submitted for the Viva-Voce Examination held on \_\_\_\_\_



Project Guide

Dr. S. DAVID AMAL RAJ, M.Sc., M.Phil., Ph.D.,  
Assistant Professor  
Department of Chemistry  
St. Joseph's College of Arts and Science (Autonomous)  
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Examiners:

1.   
20/5/23

2.   
02/05/23

**A CHOLINE CHLORIDE AND LACTIC ACID: A NATURAL DEEP  
EUTECTIC SOLVENT FOR ONE-POT RAPID CONSTRUCTION OF  
1, 8-DIOXOOCTAHYDROXANTHENE**

*A Thesis submitted to St. Joseph's College of Arts and Science (Autonomous)  
In partial fulfilment of the requirements for the award of the degree of*

**MASTER OF SCIENCE IN CHEMISTRY**

**BY**

**N. SABARINATHAN  
(A21MCH21)**

Under the guidance of

**Dr. S. DAVID AMAL RAJ, M.Sc., M.Phil., Ph.D.,**  
Assistant Professor of Chemistry



**POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**MAY-2023**



## CERTIFICATE

Dr. S. DAVID AMAL RAJ, M.Sc., M.Phil., Ph.D.,


Assistant Professor,

PG and Research Department of Chemistry,


St. Joseph's College of Arts and Science (Autonomous)

Cuddalore – 607001.

This is to certify that the thesis entitled "A CHOLINE CHLORIDE AND LACTIC ACID: A NATURAL DEEP EUTECTIC SOLVENT FOR ONE-POT RAPID CONSTRUCTION OF 1, 8-DIOXOOCTAHYDROXANTHENE" submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore-01 Affiliated to Annamalai University, Chidambaram in partial fulfilment for the award of the Degree of Master of Science in Chemistry in a bonafide record of work carried out by N. SABARINATHAN (A21MCH21) under my guidance for the academic period 2021-2023.

  
Head of the Department

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCES  
Cuddalore - 607 001

  
Project Guide  
Dr. S. DAVID AMAL RAJ, M.Sc., M.Phil., Ph.D.  
Assistant Professor  
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Cuddalore, Tamil Nadu - 607 001.

Submitted for the Viva-Voce Examination held on 08.05.2023

Examiners:

1.   
21/5/23

2.   
02/05/23

# **A MILD SYNTHESIS OF BIS(INDOLYL)METHANES USING A DEEP EUTECTIC SOLVENT**

*A Thesis submitted to St. Joseph's College of Arts and Science (Autonomous)  
In partial fulfilment of the requirements for the award of the degree of*

**MASTER OF SCIENCE IN CHEMISTRY**

**BY**

**S. SHARMILA  
(A21MCH22)**

Under the guidance of

**Dr. S. DAVID AMAL RAJ, M.Sc., M.Phil., Ph.D.,**

Assistant Professor of Chemistry



**POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

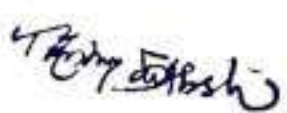
**CUDDALORE-607001**

**MAY-2023**

## CERTIFICATE

Dr. S. DAVID AMAL RAJ, M.Sc., M.Phil., Ph.D.,  
Assistant Professor,  
PG and Research Department of Chemistry,  
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Cuddalore - 607001.

This is to certify that the thesis entitled "A MILD SYNTHESIS OF BIS(INDOLYL)METHANES USING A DEEP EUTECTIC SOLVENT" submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore-01 Affiliated to Annamalai University, Chidambaram in partial fulfilment for the award of the Degree of Master of Science in Chemistry in a bonafide record of work carried out by S. SHARMILA (A21MCH22) under my guidance for the academic period 2021-2023.

  
Head of the Department  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
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CUDDALORE - 607 001

  
Project Guide  
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St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 607 001

Submitted for the Viva-Voce Examination held on 02-05-2023

### Examiners:

1.

  
20/5/23

2.

  
02/05/23

**SYNTHESIS AND FT-IR SPECTRAL  
CHARACTERIZATION STUDIES OF ETHOXY AND  
MORPHOLINOPHENYL SUBSTITUTED OXAZINE**

A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**MASTER OF SCIENCE  
IN  
CHEMISTRY**

By

**E. MANIBALA  
(Roll No.: A21MCH23)**

Under the Guidance of

**Dr. D. BHAKIARAJ, M.Sc., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDDALORE - 607001**

**APRIL 2023**

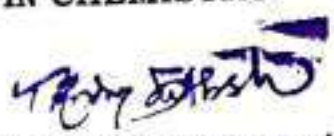


**Dr. D. BHAKIARAJ, M.Sc., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

---

## CERTIFICATE

This is to certify that this Dissertation on **"SYNTHESIS AND FT-IR SPECTRAL CHARACTERIZATION STUDIES OF ETHOXY AND MORPHOLINOPHENYL SUBSTITUTED OXAZINE"** is a bonafide record of work done by **E. MANIBALA (A21MCH23)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE - 1**, Affiliated to **ANNAMALAI UNIVERSITY** in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN CHEMISTRY.**

  
**Head of the Department**  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
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(Autonomous),  
CUDDALORE - 607 001

  
**Project Guide**

Submitted for Viva-Voce Examination held on 02-05-2023

Examiners:

1.

  
24/5/23

2.   
24/5/23

# **SYNTHESIS AND FT-IR SPECTRAL CHARACTERIZATION STUDIES OF METHYLTHIO AND MORPHOLINOPHENYL SUBSTITUTED OXAZINE**

A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**MASTER OF SCIENCE  
IN  
CHEMISTRY**

By

**M. SHANTHINI**  
(Roll No.: A21MCH24)

Under the Guidance of

**Dr. D. BHAKIARAJ, M.Sc., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDDALORE - 607001**

**APRIL 2023**




**Dr. D. BHAKIARAJ, M.Sc., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

---

## CERTIFICATE

This is to certify that this Dissertation on **"SYNTHESIS AND FT-IR SPECTRAL CHARACTERIZATION STUDIES OF METHYLTHIO AND MORPHOLINOPHENYL SUBSTITUTED OXAZINE"** is a bonafide record of work done by **M. SHANTHINI (A21MCH24)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE - 1**, Affiliated to **ANNAMALAI UNIVERSITY** in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN CHEMISTRY.**

  
**Head of the Department**  
HEAD OF THE DEPARTMENT  
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ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
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CUDDALORE - 607 001


  
**Project Guide**

Submitted for Viva-Voce Examination held on 02-05-2023

Examiners:

1.   
2/5/23

2.

  
02/05/23

# **SYNTHESIS AND FT-IR SPECTRAL CHARACTERIZATION STUDIES OF ISOPROPYL AND MORPHOLINOPHENYL SUBSTITUTED OXAZINE**

A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**MASTER OF SCIENCE  
IN  
CHEMISTRY**

By

**V. BHUVANESHWARAN**  
(Roll No.: A21MCH25)

Under the Guidance of

**Dr. D. BHAKIARAJ, M.Sc., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDDALORE - 607001**

**APRIL 2023**



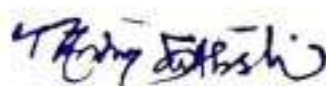


**Dr. D. BHAKIARAJ, M.Sc., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

---

## CERTIFICATE

This is to certify that this Dissertation on **"SYNTHESIS AND FT-IR SPECTRAL CHARACTERIZATION STUDIES OF ISOPROPYL AND MORPHOLINOPHENYL SUBSTITUTED OXAZINE"** is a bonafide record of work done by **V. BHUVANESHWARAN (A21MCH25)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE - 1**, Affiliated to **ANNAMALAI UNIVERSITY** in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN CHEMISTRY.**

  
**Head of the Department**  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDDALORE - 607 001

  
**Project Guide**

Submitted for Viva-Voce Examination held on 02/05/2023

Examiners:

1.   
24/5/23

2.   
02/05/23

**SYNTHESIS SPECTRAL CHARACTERIZATION AND  
NONLINEAR OPTICAL ANALYSIS OF ETHYL-4- (3,4-  
DIMETHOXYPHENYL)-6-METHYL-2-SULFANYLIDENE-3,  
4-DIHYDRO-1 H-PYRIMIDINE-5-CARBOXYLATE.**

A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**MASTER OF SCIENCE  
IN  
CHEMISTRY**

By

**M. MUNIAMMAL**  
**(Roll No.: A21MCH26)**

Under the Guidance of

**Dr.C. ADAIKALARAJ, M.Sc., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry




**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDDALORE – 607001  
APRIL 2023**

**Dr. C. ADAIKALARAJ, M.Sc., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry, St.  
Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

---

### **CERTIFICATE**

This is to certify that this Dissertation on "**SYNTHESIS SPECTRAL CHARACTERIZATION AND NONLINEAR OPTICAL ANALYSIS OF ETHYL-4-(3,4-DIMETHOXYPHENYL)-6-METHYL-2-SULFANYLIDENE-3,4-DIHYDRO-1H-PYRIMIDINE-5-CARBOXYLATE**" is a bonafide record of work done by **M. MUNIAMMAL (A21MCH26)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE - 1,** Affiliated to **ANNAMALAI UNIVERSITY** in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN CHEMISTRY.**

  
**Head of the Department**  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

  
**Project Guide**

Submitted for Viva-Voce Examination held on 02.05.2023

Examiners:

1.   
2/5/23

2.   
02/05/23



**SYNTHESIS, ROTATIONAL-VIBRATIONAL ENERGY SHIFTING  
AND ELECTRON TRANSPORTING INVESTIGATION ON NOVEL  
ETHYL-4-(3-(BENZO[D]1,3DI-OXOLE-5-CARBOXAMIDO) PHENYL)-  
1,2,3,4-TETRAHYDRO-6-METHYL-2-OXOPYRIMIDINE-5-  
CARBOXYLATE**

A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**MASTER OF SCIENCE  
IN  
CHEMISTRY**

By

**T. GAYATHRI  
(Roll No.: A21MCH27)**

Under the Guidance of

**Dr. C. ADAIKALARAJ, M.Sc., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDDALORE - 607001  
APRIL 2023**



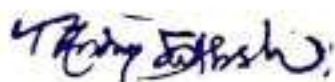


**Dr. C. ADAIKALARAJ, M.Sc., M.Phil., Ph.D.**

Assistant Professor, Department of Chemistry, St. Joseph's  
College of Arts & Science (Autonomous), Cuddalore – 607001.

## CERTIFICATE

This is to certify that this Dissertation on "SYNTHESIS, ROTATIONAL-VIBRATIONAL ENERGY SHIFTING AND ELECTRON TRANSPORTING INVESTIGATION ON NOVEL ETHYL-4-(3-(BENZO[D]1,3DI-OXOLE-5-CARBOXAMIDO) PHENYL)-1,2,3,4-TETRAHYDRO-6-METHYL-2-OXOPYRIMIDINE-5-CARBOXYLATE is a bonafide record of work done by T.GAYATHRI(A21MCH27) under my supervision and submitted to ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE – 1, Affiliated to ANNAMALAI UNIVERSITY in partial fulfillment for the award of the Degree of MASTER OF SCIENCE IN CHEMISTRY.



Head of the Department  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDDALORE - 607 001

  
Project Guide

Submitted for Viva-Voce Examination held on 02.05.2023

Examiners:

1.   
21/1/23

2. 

# **Small Molecule Of CO<sub>x</sub> Adsorption over the Fe-Borazine: A DFT Studies**

*A Thesis submitted to St. Joseph's College of Arts and Science (Autonomous)*

*In partial fulfilment of the requirements for the award of the degree of*

**MASTER OF SCIENCE IN CHEMISTRY**

**BY**

**VIKRAMRAJ. S  
(A21MCH28)**

Under the guidance of

**Dr. C. ADAIKALARAJ, M.Sc., M.Phil., Ph.D.,**

Assistant Professor of Chemistry



**POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**MAY-2023**

## CERTIFICATE

Dr. C. ADAIKALARAJ, M.Sc., M.Phil., Ph.D.,

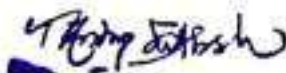
Assistant Professor,

PG and Research Department of Chemistry,

St. Joseph's College of Arts and Science (Autonomous)

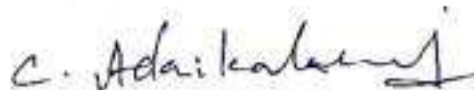
Cuddalore – 607001.

This is to certify that the thesis entitled "**Small Molecules of CO<sub>x</sub> Adsorption over the Fe-Borazine: A DFT Studies**" submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore-01 Affiliated to **Annamalai University, Chidambaram** in partial fulfilment for the award of the Degree of **Master of Science in Chemistry** in a bonafide record of work carried out by **VIKRAMRAJ. S (A21MCH28)** under my guidance for the academic period 2021-2023.



Head of the Department

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001



Project Guide

Dr. C. ADAIKALARAJ, M.Sc., M.Phil., Ph.D.,

Submitted for the Viva-Voce Examination held on 02-05-2023

Examiners:

1. 

2. 

# **COPPER AND SILVER STRIP CORROSION BATH**

A PROJECT REPORT SUBMITTED TO

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS)  
IN THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR  
THE AWARD OF THE DEGREE OF

**BACHELOR OF SCIENCE IN CHEMISTRY**

BY

P.D. AADHAVAN

(REGISTER NO: A20CHD01)

Under the guidance of

Mr. A. Amalorpavadoss M.Sc., B.Ed., M. Phil.,

Assistant Professor, Department of Chemistry

PG & RESEARCH DEPARTMENT OF CHEMISTRY



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)  
CUDDALORE-607001**

**MAY- 2023**





चेन्नै पेट्रोलियम कॉर्पोरेशन लिमिटेड

(भारत सरकार का उद्यम और आईओसीएल की समूह कंपनी)

Chennai Petroleum Corporation Limited

(A Government of India Enterprise and Group Company of IOCL)




30/12/2022

## CERTIFICATE

is to certify that **Mr.AADHAVAN P D (ROLL.NO.A20CHD01)**, a Student of **B.Sc. Chemistry**, **ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE**, completed the Project Work on **"A STUDY OF REFINERY PROCESS AT CPCL"** in our organization during the period from **19/12/2022 to 30/12/2022**.

wish him all success in his future endeavour.



  
Sivappirakasam C  
Officer(Admin.)

सी. शिवपिरकासम  
C. SIVAPPIRAKASAM  
अधिकारी (प्रशासन)  
Officer (Admin)  
चेन्नै पेट्रोलियम कॉर्पोरेशन लिमिटेड  
Chennai Petroleum Corporation Ltd.  
मणली/Manali, चेन्नै/Chennai - 600 068.

ISO 9001:2008, आई एस ओ 14001:2004, बी एस ओ एच एस ए एस 18001:2007 प्रमाणित कंपनी / An ISO 9001:2008, ISO 14001:2004, BS OHSAS 18001:2007 Certified company

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मणली, चेन्नै / Manali, Chennai - 600 068, फोन / Phone : 2594 4000 to 09, वेबसाइट/Website : www.cpcl.co.in

536, अन्ना साले, तेनम्पेट, चेन्नै - 600 018 / Regd. Office : 536, Anna Salai, Teynampet, Chennai - 600 018. फोन / Phone : 24349232, 24349833, 24349294, फैक्स / Fax : +91-44-24341753



## CERTIFICATE

Mr. A. Amalorpavadoss M.Sc., B.Ed., M. Phil.,  
Assistant Professor, PG & Research Department of Chemistry,  
St. Joseph's College of Arts and Science (Autonomous)  
Cuddalore-607001

## CERTIFICATE

This to certify that this project entitled "**COPPER AND SILVER STRIP CORROSION BATH**" is a bonafide of work done by **P.D.AADHAVAN** (Reg.No: A20CHD01) under my supervision and submitted to **ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE-1**, Affiliated to **THIRUVALLUVAR UNIVERSITY, VELLORE** in partial fulfillment for the award of the Degree of **BACHELOR OF SCIENCE IN CHEMISTRY**.



Head of the Department  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCES  
(Autonomous)  
CUDDALORE - 607 001



Project guide


Mr. A. Amalorpavadoss M.Sc., B.Ed., M. Phil.,

Principal

Submitted for the Viva-Voce Examination held on 04.05.2023

EXAMINERS:

1. 

2.  04/05/23

# **QUALITY ANALYSIS AND PURIFICATION OF CHOCOLATE**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS)  
IN THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR  
THE AWARD OF THE DEGREE OF

**BACHELOR OF SCIENCE IN CHEMISTRY**

BY

J. AJAIKUMAR

(REGISTER NO: A20CHD02)

Under the guidance of

Mr. A. Amalorpavadoss M.Sc., B.Ed., M. Phil.,

Assistant Professor, Department of Chemistry

PG & RESEARCH DEPARTMENT OF CHEMISTRY



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)  
CUDDALORE-607001**

**MAY - 2023**



15.12.2022  
Nellikuppam

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr.J.AJAIKUMAR (Reg No: A20CHD02)**, 3<sup>rd</sup> year B.Sc.,  
Student of St.Joseph's College of arts and science (Autonomous), Cuddalore – 01  
Has undergone Main project work at Lotte India Corporation Limited, Nellikuppam  
from 08.12.2022 to 13.12.2022.

During the Training, He evinced keen interest in learning and his conduct was  
found to be good.

For LOTTE INDIA CORPORATION LIMITED



V.MURUGAN  
MANAGER – HR & ADMIN



### CERTIFICATE

Mr. A. Amalorpavadoss M.Sc., B.Ed M. Phil.,  
Assistant Professor, Department of Chemistry  
and Research Department of Chemistry,  
St. Joseph's College of Arts & Science  
(Autonomous) Cuddalore - 607001.

### CERTIFICATE

This to certify that this mini project entitled "QUALITY ANALYSIS OF CHOCOLATES IN LOTTE" is a bonafide work done by J. AJAIKUMAR (Reg No: A20CHD02) under my supervision and submitted to ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE-1, Affiliated to THIRUVALLUVAR UNIVERSITY, VELLORE in partial fulfillment for the award of the Degree of BACHELOR OF SCIENCE IN CHEMISTRY.



HEAD OF THE DEPARTMENT

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001



Project guide

Mr. A. Amalorpavadoss M.Sc., B.Ed M. Phil.,

Submitted for the Viva-Voce Examination held on 04/05/2023

EXAMINERS:

1.  04/05/23

2.  04/05/23

# **A STUDY ON SYNTHESIS AND ANALYSIS OF RANITIDINE HYDROCHLORIDE**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

BY

**A. AJITH  
(REGISTER NO: A20CHD03)**

Under the Guidance of

**Mr. A. AMALORPAVADOSS M.Sc., B.Ed., M. Phil.,**  
Assistant Professor, Department of Chemistry  
PG & RESEARCH DEPARTMENT OF CHEMISTRY



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE - 607001**

**MAY - 2023**

### CERTIFICATE

**Mr. A. Amalorpavadoss M.Sc., B.Ed., M. Phil.,**

Assistant Professor, PG & Research Department of Chemistry,

St. Joseph's College of Arts and Science (Autonomous),

Cuddalore - 607001.

### CERTIFICATE

This is to certify that this Project report entitled, "A STUDY ON SYNTHESIS AND ANALYSIS OF RANITIDINE HYDROCHLORIDE" is a bonafide record of work done by A.AJITH, (A20CHD03) under my supervision and submitted to **Mr. A. AMALORPAVADOSS M.Sc., B.Ed., M. Phil., ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE - 1**, Affiliated to THIRUVALLUVAR UNIVERSITY, VELLORE in partial fulfillment for the award of the Degree of BACHELOR OF SCIENCE IN CHEMISTRY.

  
Head of the Department

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENC  
(Autonomous)  
CUDDALORE - 607 001

  
Project Guide

**Mr. A. Amalorpavadoss M.Sc., B.Ed., M. Phil.,**

Principal

Submitted for the Viva-Voce Examination held on 04.05.2023

Examiners:

1.   
AAJB

2.   
04/05/23



**SOLARA**  
Active Pharma Sciences

Communication Address :  
Solara Active Pharma Sciences Limited  
A1/B SIPCOT Industrial Complex,  
Kudikadu Village,  
Cuddalore - 607 005, Tamil Nadu, India  
Tel : +91 4142 285400  
E-mail : info@solara.com  
www.solara.co.in

SOLARA/TRG/2023

Date: 08.03.2023

To:

The Head of the Department,  
Department of Chemistry,  
St. Joseph College of Arts & Science,  
Cuddalore-1.

## CERTIFICATE

This is to certify that **Mr.A.Ajith** Roll Number: A20CHD03 Department of chemistry  
**St. Joseph College Of Arts & Science, Cuddalore** has under gone project in our  
organization from 13/02/2023 to 19/02/2023.

During his association with us his character and conduct were found good.

We wish his all success.

for Solara Active Pharma Sciences Limited,

HR Department





**A STUDY AN SYNTHESIS AND ANALYSIS OF GABAPENTIN**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE  
AWARD OF THE DEGREE OF

**BACHELOR OF SCIENCE IN CHEMISTRY**

BY

K. AJITHKUMAR  
(REGISTER NO: A20CHD04)

Under the guidance of

Mr. A. Amalorpavadoss M.Sc., B.Ed., M. Phil.,  
Assistant Professor, Department of Chemistry  
PG & RESEARCH DEPARTMENT OF CHEMISTRY



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

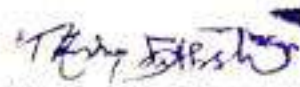
**MAY -2023**

### CERTIFICATE

Mr. A. Amalorpavadoss M.Sc., B.Ed., M. Phil.,  
Assistant Professor, PG & Research Department of Chemistry,  
St. Joseph's College of Arts and Science (Autonomous)  
Cuddalore-607001

### CERTIFICATE

This to certify that this project entitled "A STUDY ON SYNTHESIS  
AND ANALYSIS OF GABAPENTIN "is a bonafide of work done by  
K.AJITHKUMAR (Reg.No: A20CHD04) under my supervision and  
submitted to ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS) CUDDALORE-1 , Affiliated to THIRUVALLUVAR  
UNIVERSITY,  
VELLORE in partial fulfillment for the award of the Degree of BACHELOR OF  
SCIENCE IN CHEMISTRY.

  
Head of the Department  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous),  
CUDDALORE - 607 001

  
Project guide

Mr. A. Amalorpavadoss M.Sc., B.Ed., M. Phil.,

Principal

Submitted for the Viva-Voce Examination held on 04.05.2023

EXAMINERS:

1.   
4/5/23

2.   
04/05/23



**SOLARA**  
Active Pharma Sciences

Communication Address :  
**Solara Active Pharma Sciences Limited**  
A1/B SIPCOT Industrial Complex,  
Kudikadu Village,  
Cuddalore - 607 005, Tamil Nadu, India  
Tel : +91 4142 285400  
E-mail : info@solara.com  
www.solara.co.in

**SOLARA/TRG/2023**

**Date: 24.03.2023**

**To:**

**The Head of the Department,  
Department of Chemistry,  
St.Joseph College of Arts & Science,  
Cuddalore-1.**

## **CERTIFICATE**

This is to certify that **Mr.K.Ajithkumar Roll.No. A20CHD04** Department of chemistry **St.Joseph College Of Arts & Science, Cuddalore** has under gone project in our organization from 17/03/2023 to 21/03/2023.

During his association with us his character and conduct were found good.

We wish his all success.

**for Solara Active Pharma Sciences Limited,**

**N.Kannabiran  
General Manager -HR**



# **QUALITY ANALYSIS OF OXYTOCIN INJECTION**

*A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF*

**BACHELOR OF SCIENCE IN CHEMISTRY**

**SUBMITTED**

**BY**

**V. ANAND**

**(Register No: A20CHD05)**

**Under the Guidance of**

**Mr. A. AMALORPAVADROSS, M.Sc., B.Ed., M.Phil.,  
Assistant Professor,**

**Post Graduate and Research Department of Chemistry**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607 001**

**MAY-2023**



## CERTIFICATE

Mr. A. AMALORPAVADROSS, M.Sc., B.Ed., M.Phil.,  
Assistant Professor, Department in chemistry,  
PG & Research Department of Chemistry,  
St. Joseph's College of Arts and Science (Autonomous)  
Cuddalore- 607001.

## CERTIFICATE

This is to certify that this Project entitled " QUALITY ANALYSIS OF  
OXYTOCIN INJECTION " is a bonafide record of work done by V. ANAND,  
( Register No: A20CHD05) under my supervision and submitted to ST. JOSEPH'S  
COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE - 1,  
Affiliated to THIRUVALLUVAR UNIVERSITY, VELLORE in partial fulfilment  
for the award of the Degree of BACHELOR OF SCIENCE IN CHEMISTRY.

*V. Anand*

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

*A. 25*

Project Guide

Mr. A. AMALORPAVADROSS, M.Sc., B.Ed., M.Phil.

Submitted for the Viva - voce examination held on 04.05.2023

Examiners:

1. *Loganathan*  
4/5/23

2. *A. 25*  
04/05/23

31.12.2022

**TO WHOMSOEVER IT MAY CONCERN**

**COMPLETION OF INTERNSHIP**

This is to Certify that **Mr. V Anand (Reg No: A20CHD05)** student of St. Joseph's College of Arts & Science, has underwent Project Work in our organisation from 27 Dec 2022 to 31 Dec 2022.

We wish him all the best for his future endeavor.

For Steril – Gene Life Sciences (P) Ltd.,



**V. Geeta**  
**Dy. Manager - HR**



Scanned with OKEN Scanner

**THE JOURNEY OF SUGAR FROM FARM TO TABLE**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

BY

**M. ANBARASAN**  
(REGISTER NO: A20CHD06)

Under the Guidance of

**MR. A. AMALORPAVADROSS, M.Sc., B.Ed., M.Phil.,**  
Assistant Professor, Department of Chemistry  
PG & RESEARCH DEPARTMENT OF CHEMISTRY



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)**

**CUDDALORE – 607001**

**MAY -2023**

CERTIFICATE

**MR. A. AMALORPAVADROSS, M.Sc., B.Ed., M.Phil.,**  
Assistant Professor, Department of Chemistry  
PG & Research Department of Chemistry  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

CERTIFICATE

This is to certify that this Project report entitled, **THE JOURNEY OF SUGAR FROM FARM TO TABLE** is a bonafide record of work done by **M. ANBARASAN (ROLL NO: A20CHD06)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE - 1**, Affiliated to **THIRUVALLUVAR UNIVERSITY, VELLORE** in partial fulfillment for the award of the Degree of **BACHELOR OF SCIENCE IN CHEMISTRY**.

  
Head of the Department

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

  
Project Guide

**Mr. A. Amalorpavadoss, M.Sc., B.Ed., M.Phil.,**

Submitted for the Viva-Voce Examination held on 04.05.2023

**EXAMINERS:**

1. 

2. 





**E.I.D. Parry (India) Limited**

Nellikuppam, Cuddalore District, Tamil Nadu - 607 105.  
Tel : 04142-272231, 272232, Fax : 04142-272242 & 46  
Regd. Office : "Dare House", 234, N.S.C. Bose Road, Chennai - 600 001, India.  
CIN : L24211IN1975PLC006989, Website : www.eidparry.com

10/01/2023

**CERTIFICATE**

This is to certify that Mr. Anbarasan. M III Year B.Sc. Chemistry,  
St. Joseph's College of Arts and Science, has done his Project from  
27/12/2022 to 31/12/2022 at E.I.D Parry (India) Limited, Nellikuppam.

His attendance and conduct during this period were found to be good.

We wish him all the best for his future endeavors.

For E.I.D Parry (India) Limited,



A Maria Francis Xavier  
AGM - HR



Scanned with OKEN Scanner

**A PRODUCTION OF CALCIUM LACTO GLUCONATE(CLG)  
& CALCIUM BROMO LACTO BIONATE(CBLB) FROM  
LACTOSE**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE IN  
CHEMISTRY**

BY

**ARAVIND.S  
(REGISTER NO: A20CHD07)**

Under the Guidance of

**Mr. A. AMALORPAVADOSS, M.Sc., B.Ed., M.Phil.,**  
Assistant Professor in chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDDALORE-607 001**

**MAY-2023**



**Global Calcium**  
Adding Life to Life

13<sup>th</sup> December 2022

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Mr. Aravind S** S/o Senthilkumar S S pursuing B.Sc Chemistry from St. Joseph's College of Arts and Science, Cuddalore has undergone internship with us from **09<sup>th</sup> of December 2022 to 13<sup>th</sup> of December 2022** in the department of Production under the guidance of Mr. K.H. Kantharaju, Senior General Manager – Production.

During his internship, he has demonstrated his abilities with self-motivation to learn new skills. We found him to be good in his conduct and discipline during the internship period.

We wish him all the best for his upcoming academics

For Global Calcium Pvt Ltd

Naveen M

Sr. Manager – HR & Admin



## CERTIFICATE

**Mr. A. AMALORPAVADOSS M.Sc., B.Ed., M.Phil.,**

Assistant Professor

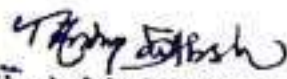
PG & Research Department of Chemistry,

St. Joseph's College of Arts & Science (Autonomous),

Cuddalore - 607001.

## CERTIFICATE

This is to certify that this Project report entitled, **PRODUCTION OF CALCIUM LACTO GLUCONATE(CLG) & CALCIUM BROMO LACTO BIONATE(CBLB) FROM LACTOSE** is a bonafide record of work done by **ARAVIND.S (A20CHD07)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE 1, Affiliated to THIRUVALLUVAR UNIVERSITY, VELLORE** in partial fulfillment for the award of the Degree of **BACHELOR OF SCIENCE IN CHEMISTRY.**

  
Head of the Department

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENC  
(Autonomous)  
CUDDALORE - 607 001

  
Project Guide

Principal

Submitted for the Viva-Voce Examination held on 04-05-2023

Examiners:

1.   
4/5/23

2.   
04/05/23



**COMPETITIVE ANALYSIS OF CHOCOLATE INDUSTRY WITH  
SPECIAL REFERENCE**

**A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)**

**IN THE PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF  
BACHELOR OF SCIENCE IN CHEMISTRY**

**BY**

**G. ARAVINDHAN**

**(REG NO. A20CHD08)**

**Under the guidance of**

**Mr. M. SEBASTIAN MARIANATHAN., M.Sc., B.Ed., M.Phil.,**

**Assistant Professor, Department of Chemistry**



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

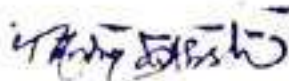
**MAY-2023**

## CERTIFICATE

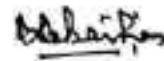
Mr. M. Sebastian Marianathan M.Sc., B.Ed., M. Phil.,  
Assistant Professor, Department of Chemistry  
PG And Research Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore – 607001.

## CERTIFICATE

This to certify that this mini project entitled "COMPETITIVE ANALYSIS OF CHOCOLATE INDUSTRY WITH SPECIAL REFERENCE" is a bonafide of work done by G. ARAVINDHAN (Reg.No:A20CHD08) under my supervision and submitted to ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE AUTONOMOUS CUDDALORE, Affiliated to THIRUVALLUVAR UNIVERSITY, VELLORE in partial fulfilment for the award of the DEGREE OF BACHELOR OF SCIENCE IN CHEMISTRY.



HEAD OF THE DEPARTMENT



PROJECT GUIDE

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCES  
(Autonomous)  
CUDDALORE - 607001

Mr. M. Sebastian Marianathan M.Sc., B.Ed., M. Phil.,

Submitted for the Viva-Voce Examination held on 04/5/23

### EXAMINERS:

1. 

2. 

15.12.2022  
Nellikuppam

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr.G.ARAVINDHAN (Reg No: A20CHD08 )**, 3<sup>rd</sup> year B.Sc.,  
Student of St.Joseph's College of arts and science (Autonomous), Cuddalore – 01  
Has undergone Main project work at Lotte India Corporation Limited, Nellikuppam  
from 08.12.2022 to 13.12.2022.

During the Training, He evinced keen interest in learning and his conduct was  
found to be good.

For LOTTE INDIA CORPORATION LIMITED



**V. MURUGAN**  
MANAGER – HR & ADMIN

**QUALITY ANALYSIS OF CHOCOLATE INDUSTRY WITH SPECIAL  
REFERENCE OF LOTTE**

**A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)**

**IN THE PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF**

**BACHELOR OF SCIENCE IN CHEMISTRY  
BY**

**K. ATHINARAYANAN  
(REGISTER NO: A20CHD09)**

Under the guidance of

**Mr. M. SEBASTIAN MARIANATHAN M.Sc., B.Ed., M. Phil.,  
Assistant Professor, Department of Chemistry**

**PG & RESEARCH DEPARTMENT OF CHEMISTRY**



**ST. JOSEPH'S COLLEGE OF ARTS &  
SCIENCE(AUTONOMOUS) CUDDALORE-607001  
MAY - 2023**



## CERTIFICATE

Mr. M. SEBASTIAN MARIANATHAN M.Sc., B.Ed., M. Phil.,

Assistant Professor, Department of Chemistry


and Research Department of Chemistry,

St. Joseph's College of Arts & Science

(Autonomous) Cuddalore - 607001.

## CERTIFICATE

This to certify that this mini project entitled "QUALITY ANALYSIS OF CHOCOLATE INDUSTRY WITH SPECIAL REFERENCE OF LOTTE" is a bonafide of work Done by KATHINARAYANAN (Reg No: A20CHD09) under my supervision and submitted to ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS) CUDDALORE-1, Affiliated to THIRUVALLUVAR UNIVERSITY, VELLORE in partial fulfilment for the award of the Degree of BACHELOR OF SCIENCE IN CHEMISTRY.

  
Head of the Department  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
CUDDALORE

  
Project guide  
Mr. M. SEBASTIAN MARIANATHAN M.Sc., B.Ed., M. Phil.,

Submitted for the Viva-Voce Examination held on, 24.05.2023.

## EXAMINERS:

1.   
24/05/23

2.   
24/05/23

15.12.2022  
Nellikuppam

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Mr.K.ATHINARAYANAN** (Reg No: A20CHD09 ), 3<sup>rd</sup> year B.Sc., Student of St.Joseph's College of arts and science (Autonomous), Cuddalore - 01 ,Has undergone Main project work at Lotte India Corporation Limited, Nellikuppam from 08.12.2022 to 13.12.2022.

During the Training, He evinced keen interest in learning and his conduct was found to be good.

For **LOTTE INDIA CORPORATION LIMITED**



**V.MURUGAN**  
**MANAGER - HR & ADMIN**

**MANUFACTURE OF SUGAR AND POWER PRODUCTION FROM  
THE BAGASSE**

A Thesis submitted to St. Joseph's College of Arts and Science (Autonomous)  
in the partial fulfilment for the award of the degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

**BY**

**V. BALU MAHENDRAN**

**(REGISTER NO: A20CHD10)**

Under the guidance of

**MR. M. SEBASTIAN MARIANATHAN, M.Sc., M.Phil., B.Ed.,**

Assistant Professor, Department of Chemistry

**PG & RESEARCH DEPARTMENT OF CHEMISTRY**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS) CUDDALORE-607001**

**MAY - 2023**

## CERTIFICATE

MR. M. SEBASTIAN MARIANATHAN, M.Sc., M.Phil., B.Ed.,

Assistant Professor, Department of Chemistry

PG And Research Department of Chemistry,

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore – 607001.

## CERTIFICATE

This to certify that this mini project entitled “**MANUFACTURE OF SUGAR AND POWER PRODUCTION FROM THE BAGASSE**” is a bonafide of work done by **V. BALU MAHENDAN** (Reg. No: **A20CHD10**) under my supervision and submitted to **St. Joseph's college of arts and science (autonomous) Cuddalore-1**, Affiliated to **Thiruvalluvar University, Vellore** in partial fulfilment for the award of the Degree of Bachelor of Science in Chemistry.



Head of the Department  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

  
Project Guide

MR. M. SEBASTIAN MARIANATHAN, M.Sc., M.Phil., B.Ed.,

Submitted for the Viva-Voce Examination held on 04/05/2023

### Examiners:

1. 

2. 



18/01/2023

**CERTIFICATE**

This is to certify that Mr. Balu Mahendran, V III Year B.Sc. Chemistry,  
St. Joseph's College of Arts and Science has done his Project from  
24/12/2022 to 31/12/2022 at E.I.D Parry (India) Limited, Nellikuppam.

His attendance and conduct during this period were found to be good.

We wish him all the best for his future endeavors.

**For E.I.D Parry (India) Limited,**



**A Maria Francis Xavier**  
**AGM - HR**

# **PRODUCTION OF LIQUID CARBON DIOXIDE BY MOLASSES**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE IN CHEMISTRY**

**BY**

**R.BARATHRAJ**

**(REGISTER NO: A20CHD11)**

Under the Guidance of

**Mr.SEBASTIAN MARIANATHAN., M.Sc., M.Phil.,B.Ed.,**

**Assistant Professor, Post Graduate and Research Department of Chemistry**



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE – 607001**

**MAY - 2023**

## CERTIFICATE

**MR. SEBASTIAN MARIANATHAN., M.Sc., M.Phil., B.Ed.,**

Assistant Professor in Department of Chemistry

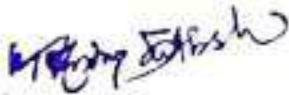
PG & Research Department of Chemistry,

St. Joseph's College of Arts & Science (Autonomous),

Cuddalore - 607001.

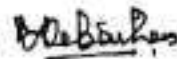
## CERTIFICATE

This is to certify that the Dissertation on "**PRODUCTION OF LIQUID CARBON DIOXIDE BY MOLASSES**" is a Bonafide record of work done by **R. BARATHRAJ, (REG. NO: A20CHD11)** under my supervision and submitted to **St. Joseph's College of Arts and Science, (Autonomous) Cuddalore - 607001**, Affiliated to **THIRUVALLUVAR UNIVERSITY, VELLORE** in partial fulfilment for the award of the degree of **BACHELOR OF SCIENCE IN CHEMISTRY**.



**Head of the Department**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous),  
CUDDALORE - 607 001



**Project Guide**

**Mr. SEBASTIAN MARIANATHAN., M.Sc., M.Phil., B.Ed.**

Submitted for the Viva-Voce examination held on **04/05/2023**

Examiners:

1.  7/05/23
2.  04/05/23

21/01/2023


**CERTIFICATE**

This is to certify that Mr. Barath Raj, B.Sc Chemistry, St. Joseph's College of Arts & Science, has done his Project from 27/12/2022 to 30/12/2022 at E.I.D Parry (India) Limited, Nellikuppam.

His attendance and conduct during this period were found to be good.

We wish him all the best for his future endeavors.

For E.I.D Parry (India) Limited,



A Maria Francis Xavier  
AGM - HR



# **QUALITY CONTROL ANALYSIS OF VASOPRESSION**

A Project Report Submitted To st. Joseph's College Of Arts & Science (Autonomous)  
In Partial Fulfillment Of The Requirement For The Award Of The Degree Of

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

BY

**P. BHARATHAN**  
(Register no : A20CHD12)

Under the Guidance of

**Mr. M. SEBASTIAN MARIANTHAN M.Sc., B.Ed., M.Phil.,**  
Assistant Professor, Department of chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE - 607001**

**MAY- 2023**

### CERTIFICATE

**Mr. M. SEBASTIAN MARIANTHAN M.Sc., B.Ed., M.Phil.,**

Assistant Professor, Department of Chemistry

PG & Research Department of Chemistry,

St. Joseph's College of Arts & Science (Autonomous),

Cuddalore – 607001.

---

### CERTIFICATE

This is to certify that this Project report entitled, " **Quality Analysis Of Vasopression** " is a bonafide record of work done by **P. Bharathan , (A20CHD12)** under my supervision and submitted to **St. Joseph's College Of Arts & Science (Autonomous), Cuddalore – 1, Affiliated To Thiruvalluvar University, vellore** In Partial Fulfillment For The Award Of The Degree Of **Bachelor Of Science In Chemistry.**

  
Head of the Department

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001


  
Project Guide

**Mr. M. SEBASTIAN MARIANTHAN M.Sc., B.Ed., M.Phil**

Submitted for the Viva-Voce Examination held on 04/05/2023

Examiners:

1. 

2. 

31.12.2022

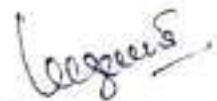
**TO WHOMSOEVER IT MAY CONCERN**

**COMPLETION OF INTERNSHIP**

This is to Certify that **Mr. P Bharathan (Reg No: A20CHD12)** student of St. Joseph's College of Arts & Science, has underwent Project Work in our organisation from 27 Dec 2022 to 31 Dec 2022.

We wish him all the best for his future endeavor.

For Steril – Gene Life Sciences (P) Ltd.,



**V. Geeta**  
**Dy. Manager - HR**

**EXTRACTION METHODS FOR REMOVING SULPHUR IN  
PETROLEUM PRODUCTS**

**A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)  
IN THE PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF THE DEGREE OF  
BACHELOR OF SCIENCE IN CHEMISTRY  
BY**

**S. DINESH KUMAR  
(REGISTER NO: A20CHD13)**

**Under the guidance of  
Mr. M. SEBASTIAN MARIANATHAN M.Sc., B.Ed., M. Phil.,  
Assistant Professor, Department of Chemistry  
PG & RESEARCH DEPARTMENT OF CHEMISTRY**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)  
CUDDALORE-607001**

**MAY- 2023**



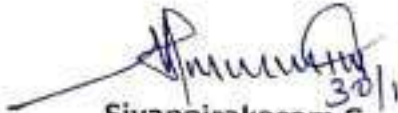
30/12/2022

## CERTIFICATE

s to certify that **Mr.DINESH KUMAR S (ROLL.NO.A20CHD13)**, a Student of  
(Chemistry), ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),  
ALORE, has completed the Project Work on "**A STUDY OF REFINERY PROCESS AT**  
" in our organization during the period from **19/12/2022 to 30/12/2022**.

ish him all success in his future endeavour.



  
**Sivappirakasam C**  
**Officer(Admin.)**

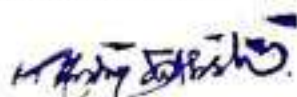
**सी. शिवपिरकासम**  
**C. SIVAPPIRAKASAM**  
अधिकारी (प्रशासन)  
Officer (Admin.)  
चेन्नै पेट्रोलियम कॉर्पोरेशन लिमिटेड  
Chennai Petroleum Corporation Ltd.  
मणली / Manali, चेन्नै / Chennai - 600 068.

## CERTIFICATE

Mr. M. Sebastian Marianathan M.Sc., B.Ed., M. Phil.,  
Assistant Professor, Department of Chemistry  
PG And Research Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore – 607001.

## CERTIFICATE

This to certify that this mini project entitled "Extraction method of removing sulphur in petroleum product" is a bonafide of work done by S. DINESHKUMAR (Reg. No: A20CHD13) under my supervision and submitted to ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE-1, Affiliated to THIRUVALUVAR UNIVERSITY, VELLORE in partial fulfilment for the award of the Degree of BACHELOR OF SCIENCE IN CHEMISTRY.



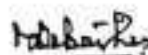
HEAD OF THE DEPARTMENT

HEAD OF THE DEPARTMENT

DEPARTMENT OF CHEMISTRY

St. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous).

Cuddalore - 607 001



PROJECT GUIDE

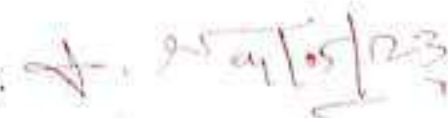
Mr. M. Sebastian Marianathan M.Sc., B.Ed., M. Phil.,

Principal

Submitted for the Viva-Voce Examination held on 04/05/2023

EXAMINERS:

1.   
4/5/23

2.   
4/5/23

**A STUDY ON SYNTHESIS AND ANALYSIS OF  
GABAPENTIN**  
A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)  
IN THE PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF THE DEGREE OF  
**BACHELOR OF SCIENCE IN CHEMISTRY**  
BY  
M.ERAIYANBU  
(REGISTER NO: A20CHD14)

Under the guidance of  
Mr. M. SEBASTIAN MARIANATHAN M.Sc., B.Ed., M. Phil.,  
Assistant Professor, Department of Chemistry  
PG & RESEARCH DEPARTMENT OF CHEMISTRY



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)  
CUDDALORE-607001**

**MAY - 2023**

## CERTIFICATE

Mr. M. Sebastian Marianathan., M.Sc., B.Ed., M. Phil.,  
Assistant Professor, Department of Chemistry  
PG And Research Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607001.

## CERTIFICATE

This to certify that this mini project entitled "A Study on synthesis and analysis of Gabapentin" is a bonafide of work done by **M.ERAIYANBU** (Reg.No:A20CHD14) under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE-1**, Affiliated. **THIRUVALLUVAR UNIVERSITY, VELLORE** in partial fulfilment for the award of the Degree of **BACHELOR OF SCIENCE IN CHEMISTRY**.

*[Signature]*

HEAD OF THE DEPARTMENT

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDDALORE - 607 001

Mr. M. Sebastian Marianathan M.Sc., B.Ed., M. Phil.,

*[Signature]*

PROJECT GUIDE

Submitted for the Viva-Voce Examination held on 04.05.2023

EXAMINERS:

1. *[Signature]*  
4/5/23

2. *[Signature]*  
04/05/23





**SOLARA**  
Active Pharma Sciences

Communication Address :  
Solara Active Pharma Sciences Limited  
A1/B SIPCOT Industrial Complex,  
Kudikadu Village,  
Cuddalore - 607 005, Tamil Nadu, India  
Tel : +91 4142 285400  
E-mail : Info@solara.com  
www.solara.co.in

SOLARA/TRG/2023

Date: 24.03.2023

To:

The Head of the Department,  
Department of Chemistry,  
St. Joseph College of Arts & Science,  
Cuddalore-1.

### CERTIFICATE

This is to certify that Mr.M.Eraiyambu Department of chemistry St.Joseph College Of Arts & Science, Cuddalore has under gone project in our organization from 23/01/2023 to 27/01/2023.

During his association with us his character and conduct were found good.

We wish his all success.

for Solara Active Pharma Sciences Limited,

N.Kannabiran  
General Manager -HR



# **PERFORMANCE OF FILTRATE AND CLARIFICATION IN SUGARCANE INDUSTRY**

*Thesis submitted to St. Joseph's college of Arts and science (Autonomous)*

*impartial fulfillment of the requirement for the award of the degree of*

**BACHELOR OF SCIENCE IN CHEMISTRY**

**BY**

**GIRIRAJ. S**

**(REGISTER NO: A20CHD15)**

Under the guidance of

**Mr. M. SEBASTIAN MARIANATHAN M.Sc., B.Ed., M.Phil.,**

**Assistant Professor, Department of Chemistry**

**PG & RESEARCH DEPARTMENT OF CHEMISTRY**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**MAY - 2023**

## CERTIFICATE

**Mr. M. SEBASTIAN MARIANATHAN M.Sc., B.Ed., M.Phil.,**

Assistant Professor, Department of Chemistry

PG & Research Department of Chemistry,

St. Joseph's College of Arts and Science (Autonomous)

Cuddalore – 607001.

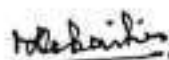
## CERTIFICATE

This to certify that this project entitled **“PERFORMANCE OF FILTRATE AND CLARIFICATION IN SUGARCANE INDUSTRY”** is a bonafide of work done by **GIRIRAJ.S** (Reg. No: A20CHD15) under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE-1**, Affiliated to **THIRUVALLUVAR UNIVERSITY, VELLORE** in partial fulfillment for the award of the Degree of **BACHELOR OF SCIENCE IN CHEMISTRY**.



**Head of the Department**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
AUTONOMOUS  
CUDDALORE - 607 001



**Project guide**

**Mr. M. SEBASTIAN MARIANATHAN M.Sc., B.Ed., M.Phil.,**

Submitted for the Viva-Voce Examination held on 04/05/2023

**EXAMINERS:**

1.   
4/5/23

2.   
04/05/23

17/04/2023

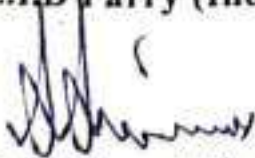
**CERTIFICATE**

This is to certify that Mr. Giriraj. S, Chemistry, St. Joseph's College of Arts and Science, has done his Project from 11/04/2023 to 15/04/2023 at E.I.D Parry (India) Limited, Nellikuppam.

His attendance and conduct during this period were found to be good.

We wish him all the best for his future endeavors.

For E.I.D Parry (India) Limited,



**A Maria Francis Xavier**  
**AGM - HR**



MURUGAN



Scanned with OKEN Scanner



# **PRODUCTION OF ETHANOL FROM MOLASSES**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS)  
IN THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR  
THE AWARD OF THE DEGREE OF

**BACHELOR OF SCIENCE IN CHEMISTRY**

BY

**R. GOKULA KRISHNAN**  
**(REGISTER NO: A20CHD16)**

Under the guidance of

**Dr. T. ANTONY SANDOSH, M.Sc., M.Phil., Ph.D.,**  
**Head, PG & Research of the Department of Chemistry**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**  
**(AUTONOMOUS)**  
**CUDDALORE-607001**

**MAY- 2023**

# CERTIFICATE

**Dr. T. ANTONY SANDOSH, M.Sc., M.Phil., Ph.D.,**

Assistant Professor, Department of Chemistry

PG & Research Department of Chemistry,

St. Joseph's College of Arts & Science

(Autonomous) Cuddalore - 607001.

## CERTIFICATE

This to certify that this project entitled "**PRODUCTION OF ETHANOL FROM MOLASSES**" is a bonafide of work done by **R. GOKULA KRISHNAN** (Reg. No: A20CHD16) under my supervision and submit to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS) CUDDALORE- 1**, Affiliated to **THIRUVALLUVAR UNIVERSITY, VELLORE** in partial fulfilment for the award of the Degree of **BACHELOR OF SCIENCE IN CHEMISTRY**.

Project Guide & Head of the Department

**Dr. T. ANTONY SANDOSH, M.Sc., M.Phil., Ph.D.,**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

Submitted for the Viva-Voce Examination held on 04.05.2023

### EXAMINERS:

1. L. S. Srinivasan  
4/5/23
2. A. S. Srinivasan  
20/04/23



**E.I.D. Parry (India) Limited**

Nellikuppam, Cuddalore District, Tamil Nadu - 607 105.

Tel : 04142-272231, 272232, Fax : 04142-272242 & 46

Regd. Office : 'Dare House', 234, N.S.C. Bose Road, Chennai - 600 001, India.

CIN : L24211In1975plc006989, Website : www.eidparry.com

18/01/2023

**CERTIFICATE**

This is to certify that Mr. Gokula Krishnan, R III Year B.Sc. Chemistry,  
St. Joseph's College of Arts and Science has done his Project from  
24/12/2022 to 31/12/2022 at E.I.D Parry (India) Limited, Nellikuppam.

His attendance and conduct during this period were found to be good.

We wish him all the best for his future endeavors.

For E.I.D Parry (India) Limited,

  
A Maria Francis Xavier  
AGM - HR

  
murugappa



# **PURIFICATION ANALYSIS IN SUGAR INDUSTRY**

**A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)  
IN THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR  
THE AWARD OF THE DEGREE OF**

**BACHELOR OF SCIENCE IN CHEMISTRY**

**BY**

**GREGORY RAJA .M**

**(REGISTER NO: A20CHD17)**

**Under the guidance of**

**Dr. T. ANTONY SANDOSH, M.Sc., M.Phil., Ph.D.**

**Head of the department, Department of Chemistry**

**PG & RESEARCH DEPARTMENT OF CHEMISTRY**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS) CUDDALORE-607001**

**MAY - 2023**



## CERTIFICATE

**Dr. T. Antony Sandosh, M.Sc., M.Phil., Ph.D.**

Assistant Professor, PG & Research Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607001

## CERTIFICATE

This to certify that this project entitled "PURIFICATION ANALYSIS IN SUGAR INDUSTRY" is a bonafide of work done by **M. GREGORY RAJA** (REG.NO: A20CHD17) under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS) CUDDALORE- 1**, Affiliated to **THIRUVALLUVAR UNIVERSITY, VELLORE** in partial fulfillment for the award of the Degree of **BACHELOR OF SCIENCE IN CHEMISTRY**.

PROJECT GUIDE & HEAD OF THE DEPARTMENT

**Dr. T. Antony Sandosh, M.Sc., M.Phil., Ph.D**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS &  
(Autonomous)  
CUDDALORE - 607 001

Submitted for the Viva-Voce Examination held on 04/05/2023

### EXAMINERS:

1.   
4/5/23

2.   
04/05/23



## **E.I.D. Parry (India) Limited**

Nellikuppam, Cuddalore District, Tamil Nadu - 607 105.

Tel : 04142-272231, 272232, Fax : 04142-272242 & 46

Regd. Office : "Dare House", 234, N.S.C. Bose Road, Chennai - 600 001, India.

CIN : L24211tn1975plc006989, Website : www.eidparry.com

30/12/2022

### **CERTIFICATE**

This is to certify that Mr. M. Gregory Raja – B.Sc (Chemistry) St. Joseph's College of Arts & Science has undergone Project in E.I.D Parry (India) Limited, Nellikuppam during the period from (08/12/2022 to 13/12/2022).

His attendance and conduct during this period were found to be good.

We wish him all the best for his future endeavors.

For E.I.D Parry (India) Limited,

**A Maria Francis Xavier**  
AGM - HR



**QUALITY ANALYSIS AND MANUFACTURING  
PROCESS OF CHOCOLATE**

**A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)**

**IN THE PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF  
BACHELOR OF SCIENCE IN CHEMISTRY**

**BY**

**A. GRESHKUMAR  
(REG NO. A20CHD18)**

**Under the guidance of**

**Dr. T. ANTONY SANDOSH., M.Sc., M.Phil., Ph.D.,**  
Head of the department, Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE(AUTONOMOUS)  
CUDDALORE-607001**

**MAY-2023**

15.12.2022  
Nellikuppam

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr.A.GRESH KUMAR (Reg No: A20CHD18 )**, 3<sup>rd</sup> year B.Sc.,  
Student of St.Joseph's College of arts and science (Autonomous), Cuddalore – 01  
Has undergone Main project work at Lotte India Corporation Limited, Nellikuppam  
from 08.12.2022 to 13.12.2022.

During the Training, He evinced keen interest in learning and his conduct was  
found to be good.

For LOTTE INDIA CORPORATION LIMITED

  
V.MURUGAN  
MANAGER – HR & ADMIN



## CERTIFICATE

Dr. T. ANTONY SANDOSH., M.Sc., M.Phil., Ph.D.

Assistant Professor, Department of Chemistry

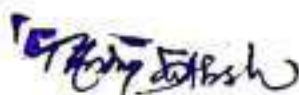
PG And Research Department of Chemistry,

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore - 607001.

## CERTIFICATE

This to certify that this project entitled "QUALITY ANALYSIS AND MANUFACTURING PROCESS OF CHOCOLATE" is a bonafide of work done by A. GRESHKUMAR (Reg. No: A20CHD18) under my supervision and submitted to ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS) CUDDALORE, Affiliated to THIRUVALLUVAR UNIVERSITY, VELLORE in partial fulfilment for the award of the DEGREE OF BACHELOR OF SCIENCE IN CHEMISTRY.



Project Guide & Head of the Department

Dr. T. ANTONY SANDOSH., M.Sc., M.Phil., Ph.D.,

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENC  
(Autonomous)  
CUDDALORE - 607 001



Submitted for the Viva-Voce Examination held on 04/05/2023

### EXAMINERS:

1.   
4/5/23

2.   
04/05/23

# **PREPARATION OF LIQUID CARBON DIOXIDE BY THE FERMENTATION OF MOLASSES**

**A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS)  
IN THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR  
THE AWARD OF THE DEGREE OF**

**BACHELOR OF SCIENCE IN CHEMISTRY**

**BY**

**N. GURUMOORTHY  
(REGISTER NO: A20CHD19)**

**Under the guidance of**

**Dr. T. ANTONY SANDOSH M.Sc., M.Phil., Ph.D.,  
Head, PG & Research of the Department of Chemistry**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)  
CUDDALORE-607001**

**MAY- 2023**



## CERTIFICATE

Dr. T. ANTONY SANDOSH M.Sc., M.Phil., Ph.D.,

Assistant Professor, Department of Chemistry

PG & Research Department of Chemistry,

St. Joseph's College of Arts & Science

(Autonomous) Cuddalore – 607001.

## CERTIFICATE

This to certify that this Project entitled  
“PREPARATION OF LIQUID CARBON DIOXIDE BY THE  
FERMENTATION OF MOLASSES” is a bonafide of work done  
by N. GURUMOORTHY (Reg. No: A20CHD19) under my  
supervision and submit to ST. JOSEPH'S COLLEGE OF ARTS  
& SCIENCE (AUTONOMOUS) CUDDALORE– 1, Affiliated to  
THIRUVALLUVAR UNIVERSITY, VELLORE in partial  
fulfilment for the award of the Degree of BACHELOR OF  
SCIENCE IN CHEMISTRY.



Project Guide & Head of the Department

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

  
Dr. T. ANTONY SANDOSH M.Sc., M.Phil., Ph.D.,

Submitted for the Viva-Voce Examination held on 04/05/2023

### EXAMINERS:

1. 
2.  04/05/23

18/01/2023

**CERTIFICATE**

This is to certify that Mr. Gurumoorthy. N III Year B.Sc. Chemistry,  
St. Joseph's College of Arts and Science has done his Project from  
24/12/2022 to 31/12/2022 at E.I.D Parry (India) Limited, Nellikuppam.

His attendance and conduct during this period were found to be good.

We wish him all the best for his future endeavors.

**For E.I.D Parry (India) Limited,**

  
**A Maria Francis Xavier**  
**AGM - HR**



**PERFORMANCE OF FILTRATE CLARIFICATION  
SYSTEM IN SUGAR INDUSTRY**

**A PROJECT REPORT SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS)  
IN THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR  
THE AWARD OF THE DEGREE OF**

**BACHELOR OF SCIENCE IN CHEMISTRY**

**BY**

**B. IMRAN**

**(REGISTER NO: A20CHD20)**

**Under the guidance of**

**Dr. T. ANTONY SANDOSH, M.Sc., M.Phil., Ph.D.,**

**Head, PG & Research Department of Chemistry**



**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**MAY - 2023**



## CERTIFICATE

**Dr. T. Antony Sandosh, M.Sc., M.Phil., Ph.D.**

Head of the Department, PG & Research Department of chemistry,

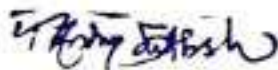
St. Joseph's College of Arts & Science

(Autonomous) Cuddalore – 607001.

---

## CERTIFICATE

This to certify that this project entitled “**PERFORMANCE OF FILTRATE CLARIFICATION SYSTEM IN SUGAR INDUSTRY**” is a bonafide of work done by **B.IMRAN (Reg.No: A20CHD20)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS) CUDDALORE- 1,** Affiliated to **THIRUVALLUVAR UNIVERSITY, VELLORE** in partial fulfillment for the award of the Degree of **BACHELOR OF SCIENCE IN CHEMISTRY.**



HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

Head of the department & Project guide



**Dr. T. ANTONY SANDOSH, M.Sc., M.Phil., Ph.D.,**

Submitted for the Viva-Voce Examination held on 04.05.2023

### EXAMINERS:

1.   
4/5/23

2.   
26/04/23



**E.I.D. Parry (India) Limited**

Nellikuppam, Cuddalore District, Tamil Nadu - 607 105.

Tel : 04142-272231, 272232, Fax : 04142-272242 & 46

Regd. Office : "Dare House", 234, H.S.C. Bose Road, Chennai - 600 001, India.

CIN : 124211tn1975plc006989, Website : [www.eidparry.com](http://www.eidparry.com)

10/01/2023

**CERTIFICATE**

This is to certify that Mr. Imran. B III Year B.Sc. Chemistry, St. Joseph's College of Arts and Science has done his Project from 27/12/2022 to 31/12/2022 at E.I.D Parry (India) Limited, Nellikuppam.

His attendance and conduct during this period were found to be good.

We wish him all the best for his future endeavors.

For E.I.D Parry (India) Limited,

  
/ A Maria Francis Xavier  
AGM - HR



# **EFFLUENT TREATMENT PROCESS IN GARMENT MANUFACTURING**

**A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ART'S AND SCIENCE (AUTONOMOUS)  
IN THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE  
AWARD OF THE DEGREE OF**

**BACHELOR OF SCIENCE IN CHEMISTRY**

**BY**

**P.JEEVA**

**(REGISTER NO: A20CHD21)**

**Under the guidance of**

**Dr. T. ANTONY SANDOSH, M.Sc., M.Phil., Ph.D.**

**Head of the department, Department of Chemistry**



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

**MAY- 2023**



## CERTIFICATE

**Dr. T. ANTONY SANDOSH ,M.Sc., M.Phil., Ph.D.,**

Assistant Professor, Department of Chemistry,

PG & Research Department of Chemistry,

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore – 607001.

## CERTIFICATE

This to certify that this project entitled is a bonafide of work done by **P.JEEVA (Reg. No: A20CHD21)** under my supervision and submit to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS) CUDDALORE-1**, Affiliated to **THIRUVALLUVAR UNIVERSITY, VELLORE** in partial fulfilment for the award of the Degree of **BACHELOR OF SCIENCE IN CHEMISTRY.**



Project Guide & Head of the Department

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDDALORE - 607 001



**Dr. T. ANTONY SANDOSH M.Sc., M.Phil., Ph.D.,**

Submitted for the Viva-Voce Examination held on 4/5/2023

### EXAMINERS:

1.   
4/5/23
2.   
24/05/23



31 December 2022

**INTERNSHIP TRAINING**  
**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that,

S.No	Name of the Student	Register No	Degree
1	JEEVA P	A20CHD21	B.Sc CHEMISTRY

student from St. Joseph's College of Arts and Science (Autonomous), Cuddalore  
has completed him Project & Field Work in our concern from 26/12/2022 to 30/12/2022  
( 5 Days)

During the period her conduct was found to be good.

We wish her all success in her future endeavors.

For Loyal Super Fabrics,  
(Unit of Loyal Textile Mills Ltd)

Authorized Signatory



# **SYNTHESIS OF ALUMINIUM FLUORIDE (LOW AND HIGH DENSITY) BY USING MODERN TECHNOLOGY**

THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS)  
IMPARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE  
AWARD OF THE DEGREE OF

**BACHELOR OF SCIENCE IN CHEMISTRY**

**BY**

**J. JOHN ALAN**

**(REGISTER NO: A20CHD22)**

Under the guidance of

**Dr. T. ANTONY SANDOSH, M.Sc., M.Phil., Ph.D.**

**Head of the Department, Department of chemistry**



**PG & RESEARCH DEPARTMENT OF CHEMISTRY**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**MAY - 2023**



TIL/HR/IPT/2022/56

19-Dec-2022

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Mr.J John Alan (Reg No – A20CHD22)**, B.sc- Chemistry - III year Student of St.Joseph's College of Art and Science (Autonomous) Cuddalore, had undergone project for the period from 13-Dec-2022 to 19-Dec-2022 in our organization.

We are pleased to certify that he had completed the project successfully and during the period of project his conduct was **Good**.

**For TANFAC Industries Limited**

**S.ILANGO**

**Assistant Vice President – HR & Admin**

**TANFAC INDUSTRIES LIMITED**

**(Joint Sector Company with TIDCO and Anupam Rasayan India Ltd.)**

Registered Office & Factory: 14, SIPCOT Industrial Complex, Cuddalore - 607 005, Tamil Nadu, India

Tel: + 91 4142 239001 - 05 | Fax: +91 4142 - 239008 | Website : [www.tanfacs.com](http://www.tanfacs.com)

Chennai Office: Oxford Centre, 1<sup>st</sup> Floor, 66, Sir C P Ramaswamy Road, Alwarpet, Chennai - 600 018, Tamil Nadu, India

Tel: + 91 44 2499 0451 / 0561 / 0464 | Fax: +91 44 2499 3583



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## CERTIFICATE

Dr. T. ANTONY SANDOSH M.Sc., M. Phil., Ph.D.  
Assistant Professor, Department Chemistry,  
PG & Research Department of Chemistry,  
St. Joseph's College of Arts and Science (Autonomous)  
Cuddalore – 607001.


### CERTIFICATE

This to certify that this project entitled as a bonafide of work done by **J. JOHN ALAN (Reg. No: A20CHD22)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE- 1**, Affiliated to **THIRUVALLUVAR UNIVERSITY, VELLORE** in partial fulfillment for the award of the Degree of **BACHELOR OF SCIENCE IN CHEMISTRY**.



Head of the Department & Project guide

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
CUDALORE

  
Dr. T. ANTONY SANDOSH M.Sc., M. Phil., Ph.D.

Submitted for the Viva-Voce Examination held on 04/05/2023

### EXAMINERS:

1.   
4/5/23
2.   
04/05/23

**A STUDY ON SYNTHESIS AND ANALYSIS OF  
RANITIDINE HYDROCHLORIDE**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS)  
IN THE PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE  
AWARD OF THE DEGREE OF

**BACHELOR OF SCIENCE IN CHEMISTRY**

BY

**S.KARTHIK RAJA**

(Register No: A20CHD23)

Under the guidance of

**Dr. T. ANTONY SANDOSH, M.Sc., M.Phil., Ph.D.**

Head of the department, Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS) CUDDALORE-607001**

**MAY- 2023**

## CERTIFICATE

**Dr. T. ANTONY SANDOSH, M.Sc., M.Phil., Ph.D.**

Assistant Professor, Head of the Department,

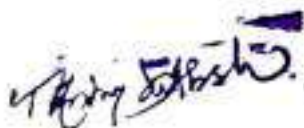
PG & Research Department of Chemistry,

St. Joseph's College of Arts & Science

(Autonomous) Cuddalore – 607001.

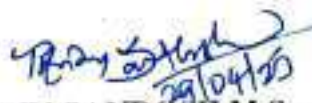
## CERTIFICATE

This is to certify that this project entitled "A STUDY ON SYNTHESIS AND ANALYSIS OF RANITIDINE HYDROCHLORIDE" is a bonafide record of work done by **S.KARTHIK RAJA, (Reg.No:A20CHD23)** under my supervision and submitted to **ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS) CUDDALORE- 1**, Affiliated to **THIRUVALLUVAR UNIVERSITY, VELLORE** in partial fulfilment for the award of the Degree of **BACHELOR OF SCIENCE IN CHEMISTRY**.



Project Guide & Head of the Department

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

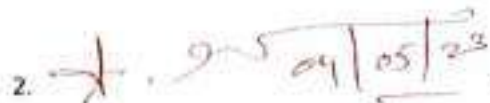


**Dr. T. ANTONY SANDOSH M.Sc., M.Phil., Ph.D.**

Submitted for the Viva-Voce Examination held on 04/05/2023

### EXAMINERS:

1.   
4/5/23

2.   
04/05/23



**SOLARA**  
Active Pharma Sciences

Communication Address :  
Solara Active Pharma Sciences Limited  
A1/B SIRCOT Industrial Complex,  
Kudikadu Village,  
Cuddalore - 607 005, Tamil Nadu, India  
Tel : +91 4142 285400  
E-mail : info@solara.com  
www.solara.co.in

**SOLARA/TRG/2023**

**Date: 08.03.2023**

**To:**

**The Head of the Department,  
Department of Chemistry,  
St. Joseph College of Arts & Science,  
Cuddalore-1.**

## **CERTIFICATE**

This is to certify that **Mr.S.Karthik Raja** Roll Number: A20CHD23 Department of chemistry **St. Joseph College Of Arts & Science, Cuddalore** has under gone project in our organization from 13/02/2023 to 19/02/2023.

During his association with us his character and conduct were found good.

We wish his all success.

**for Solara Active Pharma Sciences Limited,**

**HR Department**

Solara Active Pharma Sciences Limited - CIN : L24230MH2017PLC291636

REGD. OFF : 201, Devayrata, Sector 17, Vashi Navi Mumbai - 400703, India / Tel : 91-22-2789 2924 / 2789 3199 / Fax: 91-22-2789 2942



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# **THE TREATMENT OF HYDROFLUORIC ACID IN EXPOSURE TO THE EYE**

*Thesis submitted to St. Joseph's college of Arts and Science (Autonomous) in  
partial fulfillment of the requirement for the award of the degree of*

**BACHELOR OF SCIENCE IN CHEMISTRY**

**BY**

**K. KARTHIKEYAN**

**(Register no: A20CHD24)**

Under the guidance of

**Mr. G. ANAND M.Sc., M.Phil., SET.,**

Assistant Professor, Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**MAY-2023**

## CERTIFICATE

Mr. G. ANAND M.Sc., M.Phil., SET.,

Assistant Professor, PG & Research Department of Chemistry,

St. Joseph's College of Arts and Science(Autonomous)

Cuddalore-607001

## CERTIFICATE

This to certify that this project entitled "THE TREATMENT OF HYDROFLUORIC ACID IN EXPOSURE TO THE EYE" is a bonafide of work done by K. KARTHIKEYAN (Reg. No: A20CHD24) under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous) Cuddalore -I, Affiliated to Thiruvalluvar University, Vellore in partial fulfillment for the award of the Degree of Bachelor of Science In Chemistry.



Head of the Department

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUD DALORE - 607 001



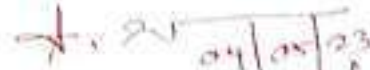
Project guide

Mr. G. ANAND M.Sc., M.Phil., SET.,

Submitted for the Viva-Voce Examination held on 04.05.2023

### EXAMINERS:

1.   
4/5/23

2.   
04/05/23



TIL/HR/IPT/2022/601

19-Dec-2022

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr.K Karthikeyan (Reg No – A20CHD24), B.sc- Chemistry - III year Student of St.Joseph's College of Art and Science (Autonomous) Cuddalore, had undergone project for the period from 13-Dec-2022 to 19-Dec-2022 In our organization.

We are pleased to certify that he had completed the project successfully and during the period of project his conduct was Good.

**For TANFAC Industries Limited**



19/12/2022

**S.ILANGO**

**Assistant Vice President - HR & Admin**

---

**TANFAC INDUSTRIES LIMITED**

**(Joint Sector Company with TIDCO and Anupam Rasayan India Ltd.)**

**Registered Office & Factory: 14, SIPCOT Industrial Complex, Cuddalore - 607 005, Tamil Nadu, India**

**Tel: + 91 4142 239001 - 05 | Fax: +91 4142 - 239008 | Website : www.tanfacs.com**

**Chennai Office: Oxford Centre, 1<sup>st</sup> Floor, 66, Sir C P Ramaswamy Road, Alwarpet, Chennai - 600 018, Tamil Nadu, India**

**Tel.: +91 44 2499 0451 / 0561 / 0464 | Fax: +91 44 2499 3583**

**GST : 33AAACT2591A1ZU | CIN: L24117TN1972PLC006271**



**A COMPARITIVE STUDY ON ALCOHOLIC  
FERMENTATION OF MOLASSES AT VARIOUS BRIX BY  
SACCHAROMYCES CEREVISIAE AND  
SCHIZOSACCHAROMYCES POMPE**

A Thesis submitted to St. Joseph's College of Arts and Science (Autonomous)  
In partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted By

**D. KARVANNAN**

(Reg. No: A20CHD25)

Under the Guidance of

**Mr. G. ANAND, M.Sc., M.Phil., SET.,**

Assistant Professor in chemistry

St. Joseph's College of Arts and Science (Autonomous)



**POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

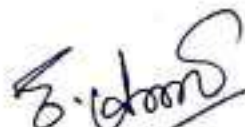
**CUDDALORE-607 001.**

**MAY-2023**



## CERTIFICATE

This is to certify that the dissertation report on "A COMPARITIVE STUDY ON ALCOHOLIC FERMENTATION OF MOLASSES AT VARIOUS BRIX BY SACCHAROMYCES CEREVISIAE AND SCHIZOSACCHAROMYCEES POMPE" is a Bonafede record of work done by D. KARVANNAN (Reg No: A20CHD25) under my supervision and submitted to St. Joseph's college of Arts and Science (Autonomous), Cuddalore-1, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of bachelor of science in chemistry.



SIGNATURE OF THE GUIDE

Mr. G. ANAND, M.SC., M.Phil., SET.,



HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
Cuddalore-1  
(Head of the department)

Forwarded by:

(Principal)

Viva – voce examination held on .04.05.2023

Signature of the examiners:

1.   
4/5/23

2.

  
04/05/23



## **E.I.D. Parry (India) Limited**

Nellikuppam, Cuddalore District, Tamil Nadu - 607 105.

Tel : 04142-272231, 272232, Fax : 04142-272242 & 46

Regd. Office : "Dare House", 234, N.S.C. Bose Road, Chennai - 600 001, India.

CIN : L24211tn1975plc006989, Website : www.eidparry.com

30/12/2022

### **CERTIFICATE**

This is to certify that Mr. D. Karvannan – B.Sc. (Chemistry) St. Joseph's College of Arts & Science has undergone Project in E.I.D Parry (India) Limited, Nellikuppam during the period from (08/12/2022 to 13/12/2022).

His attendance and conduct during this period were found to be good.

We wish him all the best for his future endeavors.

For **E.I.D Parry (India) Limited,**

**A Maria Francis Xavier**  
**AGM - HR**



# **ANALYSIS OF FINISHED GOODS SAMPLES OF SOAP**

A Thesis submitted to St. Joseph's College of Arts and Science (Autonomous)

In partial fulfillment for the award of degree of

## **BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted By

**R. KISHORE**

(Reg. No.: A20CHD26)

Under the Guidance of

**Mr. G. ANAND M.Sc., M.Phil., SET.,**

Assistant Professor, Department of Chemistry

St. Joseph's College of Arts and Science (Autonomous)



**POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE – 607001**

**MAY- 2023**

### CERTIFICATE

Mr. G. ANAND M. Sc., M. Phil., SET.,  
Assistant Professor,  
PG & Research Department of Chemistry,  
St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore - 607001

### CERTIFICATE

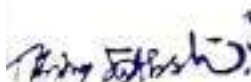
This is to certify that the dissertation report on "ANALYSIS OF FG SAMPLES OF SOAP" is a Bonafide record of work done by KISHORE. R, B.Sc. Chemistry (Reg. No.:A20CHD26) under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1, Affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of Bachelor of Science In Chemistry.



Signature of the Guide

Mr. G. ANAND M. Sc., M. Phil., SET.,

Forwarded By:

  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
Cuddalore  
(Head of the Department)

(Principal)

Submitted for the viva – Voce Examination held on 04/05/2023

EXAMINERS:

1. 

2. 



Hindustan Unilever Limited  
Detergents Factory  
VH-ISA, Vadamanagalam  
Puducherry - 605102, India  
Tel: +91 97919 04714

Head Office:  
Hindustan Unilever Limited  
Unilever House,  
B D Sawant Marg, Chakala,  
Andheri East, Mumbai 400 099  
Tel: +91 (22) 50433000  
Web: www.hul.co.in  
CIN: L15140MH1933PLC002030



Hindustan Unilever Limited

30.12.2022

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Mr. R Kishore (A20CHD26)** studying B.Sc (Chemistry) in St. Joseph's College cuddalore has undergone project in our organization from 10.12.2022 to 30.12.2022.

During his association with our organization, he has eager to learn and was sincere to the assignment.

We found he was punctual and result oriented during his project.

We wish success in all his future endeavors.

For **HINDUSTAN UNILEVER LTD**

  
**Authorized Signatory**

**MANUFACTURE OF SUGAR AND POWER PRODUCTION  
FROM THE BAGASSE**

A Thesis submitted to

St. Joseph's College of Arts and Science (Autonomous)

in the partial fulfilment for the award of the degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

BY

**M. KRISHNESHWARAN**

**(Register No: A20CHD27)**

Under the guidance of

**Mr. G. ANAND, M.Sc., M.Phil., SET.**

Assistant Professor, Department of Chemistry

**PG & RESEARCH DEPARTMENT OF CHEMISTRY**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS) CUDDALORE-607001**

**MAY - 2023**

## CERTIFICATE

Mr. G. ANAND, M.Sc., M. Phil., SET.

Assistant Professor, Department of Chemistry

PG And Research Department of Chemistry,

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore – 607001.

## CERTIFICATE

This to certify that this mini project entitled "MANUFACTURE OF SUGAR AND POWER PRODUCTION FROM THE BAGASSE" is a bonafide of work done by M. KRISHNESHWARAN (Reg. No: A20CHD27) under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous) Cuddalore-1, Affiliated to Thiruvalluvar University, Vellore in partial fulfilment for the award of the Degree of Bachelor of Science in Chemistry.



Head of the Department  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
Cuddalore - 607001


  
Project Guide

Mr. G. ANAND, M.Sc., M. Phil., SET.

Submitted for the Viva-Voce Examination held on 04.05.2023

Examiners:

1.   
9/5/23

2.   
04/05/23



**E.I.D. Parry (India) Limited**

Nellikuppam, Cuddalore District, Tamil Nadu - 607 105.

Tel : 04142-272231, 272232, Fax : 04142-272242 & 46

Regd. Office : "Dare House", 234, N.S.C. Base Road, Chennai - 600 001, India.

CIN : L24211tn1975plc006989, Website : www.eidparry.com

21/01/2023


**CERTIFICATE**

This is to certify that Mr. Krishneshwaran. M, B.Sc Chemistry, St. Joseph's College of Arts & Science, has done his Project from 27/12/2022 to 30/12/2022 at E.I.D Parry (India) Limited, Nellikuppam.

His attendance and conduct during this period were found to be good.

We wish him all the best for his future endeavors.

For E.I.D Parry (India) Limited,

  
A Maria Francis Xavier  
AGM - HR





**PERFORMANCE EVALUATION OF EFFLUENT  
TREATMENT PLANT FOR SUGAR MILL EFFLUENT**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

BY

**K.ABINAYA  
(REGISTER NO:A20CHE01)**

Under the Guidance of

**Ms.B.CHRISTINA, M.Sc.,M.Phil., B.Ed.,**  
Asst. Prof. of chemistry

PG & Research Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE - 607001**

**APRIL-2023**



**E.I.D. Parry (India) Limited**

Nellikuppam, Cuddalore District, Tamil Nadu - 607 105.

Tel : 04142-272231, 272232, Fax : 04142-272242 & 46

Regd. Office : 'Dare House', 234, N.S.C. Bose Road, Chennai - 600 001, India.

CIN : L24211tn1975plc006989, Website : [www.eidparry.com](http://www.eidparry.com)

06/01/2023

**CERTIFICATE**

This is to certify that Ms. Abinaya. K B.Sc Chemistry, St. Joseph's College of Arts and Science, has done her Project from 26/12/2022 to 31/12/2022 at E.I.D Parry (India) Limited, Nellikuppam.

Her attendance and conduct during this period were found to be good.

We wish her all the best for her future endeavors.

For E.I.D Parry (India) Limited,

**A Maria Francis Xavier**  
**AGM - HR**



**murugappa**

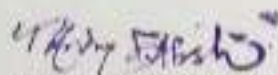
### CERTIFICATE

**Ms.B.CHRISTINA, M.Sc.,MPhil., B.Ed.,**  
PG & Research Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous), Cuddalore  
-607001

---

### CERTIFICATE

This is to certify that this Project report entitled, "PERFORMANCE EVALUATION OF EFFLUENT TREATMENT PLANT FOR SUGAR MILL EFFLUENT" is a bonafide record of work done by **K.ABINAYA (A20CHE01)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-I**, Affiliated to **THIRUVALLUVAR UNIVERSITY, VELLORE** in partial fulfillment for the award of the Degree of **BACHELOR OF SCIENCE IN CHEMISTRY**.



Head of the Department



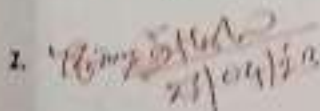
Project Guide

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

Submitted for the viva-voice Examination held on 24.04.2023

Examiners:

1.   
25/04/23

2.   
25/04/23

# **STUDIES ON THE PHYSICOCHEMICAL PROPERTIES OF SUGAR FACTORY EFFLUENT**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

**M.ARCHANADEVI  
(REGISTER NO: A20CHE02)**

Under the Guidance of

**Ms.B.CHRISTINA, M.Sc.,M.Phill., B.Ed.,**  
Assistant professor,  
PG & Research Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE – 607001**

**APRIL- 2023**




### CERTIFICATE

Ms. B. CHRISTINA, M.Sc., M.Phil., B.Ed.,  
PG & Research Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

---

### CERTIFICATE

This is to certify that this Project report entitled, "STUDIES ON THE PHYSICOCHEMICAL PROPERTIES OF SUGAR FACTORY EFFLUENT" is a bonafide record of work done by MARCHANADEVI (A20CHE02) under my supervision and submitted to ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-1, Affiliated to THIRUVALLUVAR UNIVERSITY, VELLORE in partial fulfillment for the award of the Degree of BACHELOR OF SCIENCE IN CHEMISTRY.

  
Head of the Department

PG & Research Department of Chemistry  
St. Joseph's College of Arts & Science  
(Autonomous),  
Cuddalore - 607 001

  
Project Guide

Submitted for the viva-voice Examination held on 27.04.2023

### Examiners:

1. 
2. 

**SUGARCANE BAGGASE PRETREATED BY ACID AND  
ENZYMATIC HYDROLYSIS FOR PRODUCTION OF  
BIOETHANOL**

A PROJECT REPORT SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS) IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE  
AWARD OF THE DEGREE OF

**BACHELOR OF SCIENCE**

**IN**

**CHEMISTRY**

**BY**

**H.ARULMOZHI**

**(REGISTER NO: A20CHE03)**

Under the Guidance of

**Ms. B. CHRISTINA, M.Sc., M.Phil., B.Ed.,**

**Asst.prof.of chemistry**

**PG & Research Department of Chemistry**



**2020-2023**

**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE – 607001**

**APRIL-2023**



**E.I.D. Parry (India) Limited**

Nellikuppam, Cuddalore District, Tamil Nadu - 607 105.

Tel : 04142-272231, 272232, Fax : 04142-272242 & 46

Regd. Office : "Dare House", 234, H.S.C. Base Road, Chennai - 600 001, India.

CIN : L24211In1975plc006989, Website : [www.eidparry.com](http://www.eidparry.com)

06/01/2023


**CERTIFICATE**

This is to certify that Ms. Arulmozhi. H B.Sc Chemistry, St. Joseph's College of Arts and Science, has done her Project from 26/12/2022 to 31/12/2022 at E.I.D Parry (India) Limited, Nellikuppam.

Her attendance and conduct during this period were found to be good.

We wish her all the best for her future endeavors.

For **E.I.D Parry (India) Limited,**

  
**A Maria Francis Xavier**  
**AGM - HR**



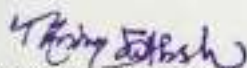
## CERTIFICATE

Ms. B. CHRISTINA, M.Sc., M.Phil., B.Ed.,  
PG & Research Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

---

## CERTIFICATE

This is to certify that this Project report entitled, "SUGARCANE BAGGASE PRETREATED BY ACID AND ENZYMATIC HYDROLYSIS FOR PRODUCTION OF BIOETHANOL" is a Bonafide Record of work done by H. ARULMOZHI (A20CHE03) under my supervision and submitted to ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-1, Affiliated to THIRUVALLUVAR UNIVERSITY, VELLORE in partial fulfillment for the award of the Degree of BACHELOR OF SCIENCE IN CHEMISTRY.



  
Head of the Department

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607001

  
Project Guide

Submitted for the viva-voice Examination held on 27.1.04/23..

### Examiners:

1.   
27/1/23
2.   
27/04/23



**A STUDY ON BIODEGRADATION OF DISTILLERY SPENT  
WASH IN ANAEROBIC HYBRID REACTOR**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

BY  
**R.BHARATHI**  
(REGISTER NO: A20CHE04)

Under the Guidance of

**Ms. B. CHRISTINA, M.Sc., B.Ed., M.Phil.,**  
Asst.Prof. Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE - 607001**

**APRIL 2023**



**E.I.D. Parry (India) Limited**

Nellikuppam, Cuddalore District, Tamil Nadu - 607 105

Tel : 04142-272231, 272232, Fax : 04142-272242 & 46

Regd. Office : 'Dare House', 234, H.S.C. Bore Road, Chennai - 600 001, India

CIN : L24211TN1975PLC006989, Website : [www.eidparry.com](http://www.eidparry.com)

06/01/2023

**CERTIFICATE**

This is to certify that Ms. Bharathi. R B.Sc Chemistry, St. Joseph's College of Arts and Science, has done her Project from 26/12/2022 to 31/12/2022 at E.I.D Parry (India) Limited, Nellikuppam.

Her attendance and conduct during this period were found to be good.

We wish him all the best for her future endeavors.

For E.I.D Parry (India) Limited,

A Maria Francis Xavier  
AGM - HR



**murugappa**

### CERTIFICATE

Ms. B. CHRISTINA, M.Sc., B.Ed., M.Phil.,  
Asst.Prof. Department of Chemistry,  
St.Joseph's College of Arts & Science (Autonomous),  
Cuddalore- 607001.

### CERTIFICATE

This is to certify that this Project report entitled, "A STUDY ON BIODEGRADATION OF DISTILLERY SPENT WASH IN ANAEROBIC HYBRID REACTOR" is a bonafide record of work done by R.BHARATHI (A20CHE04) under my supervision and submitted to ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-I, Affiliat to THIRUVALLUVAR UNIVERSITY, VELLORE in partial fulfillment for the award of the Degree of BACHELOR OF SCIENCE IN CHEMISTRY.

*[Signature]*

Head of the Department  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

*[Signature]*  
Project Guide

Submitted for the viva-voice Examination held on 27-04-2023

### Examiners:

1. *[Signature]*  
28/4/23
2. *[Signature]*  
27/4/23

**A STUDY ON CO-GENERATION OF SUGARCANE BAGASSE  
FOR RENEWABLE ENERGY PRODUCTION**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

**A.CATHIRIN  
(REGISTER NO: A20CHE05)**

Under the Guidance of

**Ms.B.CHRISTINA, M.Sc., M.Phil., B.Ed.,**  
Assistant professor,  
PG & Research Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE - 607001**

**APRIL- 2023**



### CERTIFICATE

MS. B. CHRISTINA, M.Sc., M.Phil., B.Ed.  
PG & Research Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

---

### CERTIFICATE

This is to certify that this Project report entitled, "A STUDY ON CO-GENERATION OF SUGARCANE BAGASSE FOR RENEWABLE ENERGY PRODUCTION" is a bonafide record of work done by A.CATHIRIN(A20CHE05) under my supervision and submitted to ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-1, Affiliated to THIRUVALLUVAR UNIVERSITY, VELLORE in partial fulfillment for the award of the Degree of BACHELOR OF SCIENCE IN CHEMISTRY.



Head of the Department

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001



Project Guide

Submitted for the viva-voice Examination held on 27.04.23

### Examiners:

1.   
20/4/23
2.   
27/04/23



**E.I.D. Parry (India) Limited**

Nellikuppam, Cuddalore District, Tamil Nadu - 607 105.

Tel : 04142-272231, 272232, Fax : 04142-272242 & 46

Regd. Office : "Dare House", 234, N.S.C. Base Road, Chennai - 600 001, India.

CIN : L24211tn1975plc006989, Website : [www.eidparry.com](http://www.eidparry.com)

21/02/2023

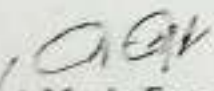
**CERTIFICATE**

This is to certify that Ms. Cathirin. A B.Sc Chemistry, St. Joseph's College of Arts and Science, has done her Project from 26/12/2022 to 31/12/2022 at E.I.D Parry (India) Limited, Nellikuppam.

Her attendance and conduct during this period were found to be good.

We wish her all the best for her future endeavors.

For E.I.D Parry (India) Limited,

  
A Maria Francis Xavier  
AGM - HR

# **PERFORMANCE OF FILTRATE CLARIFICATION SYSTEM IN SUGAR INDUSTRY**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

BY

**R.DHANALAKSHMI  
(REGISTER NO:A20CHE06)**

Under the Guidance of

**Ms.B.CHRISTINA, M.Sc.,M.Phil., B.Ed.,**  
Asst. Prof. of chemistry

PG & Research Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE – 607001**

**APRIL-2023**



## **E.I.D. Parry (India) Limited**

Nellikuppam, Cuddalore District, Tamil Nadu - 607 105.

Tel : 04142-272231, 272232, Fax : 04142-272242 & 46

Regd. Office : 'Dare House', 234, N.S.C. Bose Road, Chennai - 600 001, India.

CIN : L24211tn1975pk006989, Website : [www.eidparry.com](http://www.eidparry.com)

06/01/2023

### **CERTIFICATE**

This is to certify that Ms. Dhanalakshmi. R B.Sc Chemistry, St. Joseph's College of Arts and Science, has done her Project from 26/12/2022 to 31/12/2022 at E.I.D Parry (India) Limited, Nellikuppam.

Her attendance and conduct during this period were found to be good.

We wish her all the best for her future endeavors.

For E.I.D Parry (India) Limited,

**A Maria Francis Xavier**  
**AGM - HR**



### CERTIFICATE

Ms.B.CHRISTINA, M.Sc.,MPhil., B.Ed.,  
PG & Research Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

---

### CERTIFICATE

This is to certify that this Project report entitled, "PERFORMANCE OF FILTERATE CLARIFICATION SYSTEM IN SUGAR INDUSTRY" is a bonafide record of work done by R.DHANALAKSHMI(A20CHE06) under my supervision and submitted to ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-I, Affiliated to THIRUVALLUVAR UNIVERSITY, VELLORE in partial fulfillment for the award of the Degree of BACHELOR OF SCIENCE IN CHEMISTRY.

  
Head of the Department

DEPARTMENT  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

  
Project Guide

Submitted for the viva-voice Examination held on 27.4.2023

### Examiners:

1.   
27/4/23

2.   
27/04/23

# **A STUDY ON THE IMPACT OF BIOMETHANATED SPENT WASH ON SOIL QUALITY**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

BY

**B.V.DHARA SHREE  
(REGISTER NO: A20CHE07)**

Under the Guidance of

**Ms. B.CHIRSTINA, M.Sc., M.Phil.,B.Ed.,**  
Assistant Professor,  
PG & Research Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE – 607001**

**APRIL-2023**

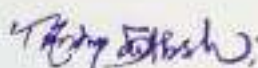
### CERTIFICATE

Ms. B. CHRISTINA, M.Sc., MPhil., B.Ed.,  
PG & Research Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

---

### CERTIFICATE

This is to certify that this Project report entitled, "A STUDY ON THE IMPACT OF BIOMETHANATED SPENT WASH ON SOIL QUALITY" is a bonafide record of work done by B.V. DHARA SHREE (A20CHE07) under my supervision and submitted to ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-1, Affiliated to THIRUVALLUVAR UNIVERSITY, VELLORE in partial fulfillment for the award of the Degree of BACHELOR OF SCIENCE IN CHEMISTRY.



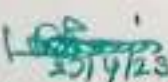

Head of the Department

  
Project Guide

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

Submitted for the viva-voice Examination held on 27.4.23

### Examiners:

1.   
25/4/23
2.   
27/4/23



**E.I.D. Parry (India) Limited**

Nellikuppam, Cuddalore District, Tamil Nadu - 605 105.

Tel : 04142-272231, 272232, Fax : 04142-272242 & 43

Regd. Office : "Dare House", 73A, N.S.C. Road, Chennai - 600 057, India.

CIN : L24211tn1975plc04989, Website : [www.eidparrys.com](http://www.eidparrys.com)

06/01/2023

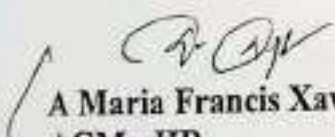
**CERTIFICATE**

This is to certify that Ms. Dnara Shree. BV B.Sc Chemistry, St. Joseph's College of Arts and Science, has done her Project from 26/12/2022 to 31/12/2022 at E.I.D Parry (India) Limited, Nellikuppam.

Her attendance and conduct during this period were found to be good.

We wish her all the best for her future endeavors.

For E.I.D Parry (India) Limited,

  
A Maria Francis Xavier  
AGM - HR



# **COMPARATIVE STUDY ON EFFICIENCY OF AEROBIC AND ANAEROBIC TREATMENT**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

BY

**G. DHIVYA  
(REGISTER NO:A20CHE08)**

Under the Guidance of

**Ms.B.CHRISTINA, M.Sc.,M.Phil., B.Ed.,**  
Asst. Prof. of chemistry

PG & Research Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE – 607001**

**APRIL-2023**

### CERTIFICATE

**Ms.B.CHRISTINA, M.Sc.,MPhil., B.Ed.,**  
PG & Research Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous), Cuddalore  
- 607001.

---

### **CERTIFICATE**

This is to certify that this Project report entitled, "COMPARATIVE STUDY ON EFFICIENCY OF AEROBIC AND ANAEROBIC TREATMENT" is a bonafide record of work done by **G. DHIVYA (A20CHE08)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-1**, Affiliated to **THIRUVALLUVAR UNIVERSITY, VELLORE** in partial fulfillment for the award of the Degree of **BACHELOR OF SCIENCE IN CHEMISTRY**.

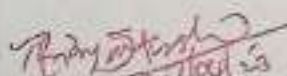
  
**Head of the Department**  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDDALORE - 607 001

  
**Project Guide**

Submitted for the viva-voice Examination held on **27.04.23**

#### Examiners:

1.   
**27/4/23**

2.   
**27/4/23**



**E.I.D. Parry (India) Limited**

Nellikuppam, Cuddalore District, Tamil Nadu - 607 105.

Tel : 04142-272231, 272232, Fax : 04142-272242 & 46

Regd. Office : "Dare House", 234, N.S.C. Bose Road, Chennai - 600 001, India.

CIN : L24211tn1975plc006989, Website : [www.eidparry.com](http://www.eidparry.com)

06/01/2023

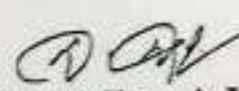
**CERTIFICATE**

This is to certify that Ms. Dhivya. G B.Sc Chemistry, St. Joseph's College of Arts and Science, has done her Project from 26/12/2022 to 31/12/2022 at E.I.D Parry (India) Limited, Nellikuppam.

Her attendance and conduct during this period were found to be good.

We wish her all the best for her future endeavors.

For E.I.D Parry (India) Limited,

  
A Maria Francis Xavier  
AGM - HR



murugappa

**COLORIMETRIC DETECTION OF METAL  
IONS USING SCHIFF BASE  
N,N(1,2- PHENYLENE)BIS(1-(3-  
NITROPHENYL)METHANIMINE)**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

BY

**P. GINISHA  
(REGISTER NO: A20CHE09)**

Under the Guidance of

**DR. F. PAUL AROKIA DOSS M.Sc., M.Ed., M.Phil., SET, Ph.D.,**

PG & Research Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE – 607001**

**APRIL 2023**



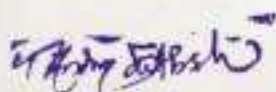
### CERTIFICATE

**R. F. PAUL AROKIA DOSS M.Sc., M.Ed., M.Phil., SET, Ph.D.,**  
Research Department of Chemistry,  
Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

---

### CERTIFICATE

This is to certify that this Project report entitled, "COLORIMETRIC DETECTION OF METAL IONS USING SCHIFF BASE (N,N(1,2-PHENYLENE)BIS(1-3-TROPHENYL)METHANIMINE)" is abona fide record of work done by GINISHA.P (20CHE09) under my supervision and submitted to ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-1, Affiliated to THIRUVALLUVAR UNIVERSITY, VELLORE in partial fulfillment for the award of the Degree of BACHELOR OF SCIENCE IN CHEMISTRY.




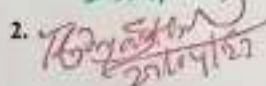
**Head of the Department**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous),  
CUDDALORE - 607 001

  
Project Guide

Submitted for the viva-voice Examination held on 27.04.2023

Examiners:

1.   
25/4/23
2.   
25/4/23

**PRODUCTION OF ETHANOL FROM SUGARCANE MOLASSES  
AND ITS QUALITY ANALYSIS**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

BACHELOR OF SCIENCE  
IN  
CHEMISTRY

BY

J.HARINI  
(REGISTER NO: A20CHE10)

Under the Guidance of

Dr. F. PAUL AROKIDOSS, M.Sc., M.Ed., M.Phil., Ph.D., SET  
Assistant Professor, Department of Chemistry



PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE - 607001

APRIL 2023

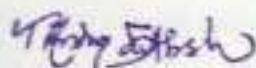
### CERTIFICATE

Dr. F. PAUL AROKIADROSS,  
Assistant Professor, Department of Chemistry,  
UG & Research Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

---

### CERTIFICATE

This is to certify that this Project report entitled, "PRODUCTION OF ETHANOL FROM SUGARCANE MOLASSES AND ITS QUALITY ANALYSIS" is a bonafide record of work done by J. HARINI (A20CHE10) under my supervision and submitted to ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-1, Affiliated to THIRUVALLUVAR UNIVERSITY, VELLORE in partial fulfillment for the award of the Degree of BACHELOR OF SCIENCE IN CHEMISTRY.



Head of the Department

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
St. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

  
Project Guide

Submitted for the viva-voice Examination held on 27.04.2023

### Examiners:

1.   
25/4/23
2.   
25/4/23



**E.I.D. Parry (India) Limited**

Nellikuppam, Cuddalore District, Tamil Nadu - 607 105.

Tel : 04142-272231, 272232, Fax : 04142-272242 & 46

Regd. Office : "Dore House", 734, H.S.C. Bore Road, Chennai - 600 061, India.

CIN : L24211TN1975plc006989, Website : [www.eidparry.com](http://www.eidparry.com)

30/01/2023

**CERTIFICATE**

This is to certify that Ms. Harini. J, B.Sc Chemistry, St. Joseph's College of Arts and Science, has done her Project from 07/01/2023 to 11/01/2023 at E.I.D Parry (India) Limited, Nellikuppam.

Her attendance and conduct during this period were found to be good.

We wish her all the best for her future endeavors.

For **E.I.D Parry (India) Limited,**

**A Maria Francis Xavier**  
**AGM - HR**



**COLORIMETRIC DETECTION OF METAL IONS USING SCHIFF BASE**  
**(3, 4-bis ((3-nitrobenzylidene) amino) phenyl) (Phenyl) methanone**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

BY  
**P.HARINI**  
(REGISTER NO: A20CHE11)

Under the Guidance of

**Dr. F. PAUL AROKIA DOSS, M.Sc., M.Ed., M.Phil., SET, Ph.D.,**  
PG & Research Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE – 607001**

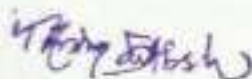
**APRIL 2023**

### CERTIFICATE

F. PAUL AROKIA DOSS, M.Sc., M.Ed., MPhil, SET, Ph.D.,  
& Research Department of Chemistry,  
Joseph's College of Arts & Science (Autonomous),  
Cuddalore- 607001.

### CERTIFICATE

This is to certify that this Project report entitled, ' **COLORIMETRIC DETECTION OF METAL IONS USING SCHIFF BASE (3, 4-bis ((3-nitrobenzylidene) amino) phenyl) (Phenyl) methanone** is a bonafide record of work done by P.HARINI (A20CHE11) under my supervision and submitted to ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-1, Affiliated to THIRUVALLUVAR UNIVERSITY, VELLORE in partial fulfillment for the award of the Degree of BACHELOR OF SCIENCE IN CHEMISTRY.



Head of the Department

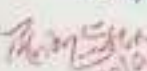
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDDALORE - 607 001

  
Project Guide

Submitted for the viva-voice Examination held on...27.04.2023...

Examiners:

1.   
25/4/23

2.   
25/4/23

**COLORIMETRIC DETECTION OF METAL IONS USING  
SCHIFF BASE (3,4-bis(((E)-(1H-indol-3-  
yl)methylene)amino)phenyl)(phenyl)methanone.**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

BY  
**S.HARINI SRI**  
(REGISTER NO: A20CHE12)

Under the Guidance of

**Dr. F. PAUL AROKIA DOSS, M.Sc., M.Ed., M.Phil., SET, Ph.D.,**  
PG & Research Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE – 607001**

**APRIL 2023**

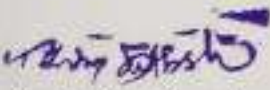
### CERTIFICATE

Dr. F. PAUL AROKIA DOSS, M.Sc., M.Ed., M.Phil., SET, Ph.D.,  
PG & Research Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore- 607001.

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### CERTIFICATE


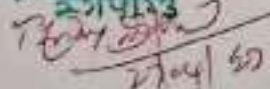
This is to certify that this Project report entitled, "COLORIMETRIC DETECTION OF METAL IONS USING SCHIFF BASE (3,4-bis(((E)-(1H-indol-3-yl)methylene)amino)phenyl)(phenyl)methanone" is a bonafide record of work done by S.HARINI SRI (A20CHE12) under my supervision and submitted to ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-1, Affiliated to THIRUVALLUVAR UNIVERSITY, VELLORE in partial fulfillment for the award of the Degree of BACHELOR OF SCIENCE IN CHEMISTRY.

  
Head of the Department  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENC  
(Autonomous)  
CUDDALORE - 607 001

  
Project Guide

Submitted for the viva-voice Examination held on 27.04.2023....

### Examiners:

1. 
2.   
27/04/23



**COLORIMETRIC DETECTION OF METAL IONS USING  
SCHIFF BASE 3,4-bis(((E)-(2-hydroxynaphthalen-1-  
yl)methylene)amino)phenyl)(phenyl)methanone.**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

BY

**J. JAYASANKARI  
(REGISTER NO: A20CHE13)**

Under the Guidance of

**Dr. F. PAUL AROKIA DOSS, M.Sc., M.Ed., M.Phill., SET, Ph.D.,**  
PG & Research Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE – 607001**

**APRIL 2023**

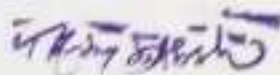
### CERTIFICATE

Dr. F. PAUL AROKIA DOSS, M.Sc., M.Ed., M.Phil., SET, Ph.D.,  
PG & Research Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001

---

### CERTIFICATE

This is to certify that this Project report entitled, "COLORIMETRIC DETECTION OF METALS USING SCHIFF BASES 1,4-bis((E)-2-hydroxynaphthalen-1-yl)methyleneamino)phenyl)phenylmethanone" is a bonafide record of work done by LIYASANKARI (A20CHE13) under my supervision and submitted to ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-1, Affiliated to THIRUVALLUVAR UNIVERSITY, VELLORE in partial fulfillment for the award of the Degree of BACHELOR OF SCIENCE IN CHEMISTRY.



Head of the Department


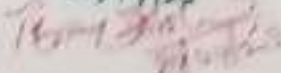
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001



Project Guide

Submitted for the viva-voce Examination held on 27/04/2023

#### Examiners:

1. 
2. 

# **BIOGAS GENERATION FROM SUGAR INDUSTRY WASTE WATER**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

BY

**K.KAVYA  
(REGISTER NO: A20CHE14)**

Under the Guidance of

**Dr. F. PAUL AROKIADOSS, M.Sc., M.Ed., M.Phill., Ph.D., SET**  
Assistant Professor, Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE - 607001**

**APRIL 2023**

### CERTIFICATE

**Dr. F. PAUL AROKIADOSS,**

Assistant Professor, Department of Chemistry,

PG & Research Department of Chemistry,

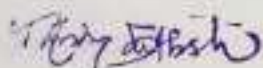
St. Joseph's College of Arts & Science (Autonomous),

Cuddalore - 607001.

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### **CERTIFICATE**

This is to certify that this Project report entitled, "BIOGAS GENERATION FROM SUGAR INDUSTRY WASTE WATER" is a bonafide record of work done by K.KAVYA (A20CHE14) under my supervision and submitted to ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-1, Affiliated to THIRUVALLUVAR UNIVERSITY, VELLORE in partial fulfillment for the award of the Degree of BACHELOR OF SCIENCE IN CHEMISTRY.



**Head of the Department**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous),  
CUDDALORE - 607 001

  
Project Guide

Submitted for the viva-voice Examination held on 27.04.2023

### Examiners:

1. 
2. 



**COLORIMETRIC DETECTION OF METAL IONS USING  
SCHIFF BASE (2,2'((1E,1'E)(1,2phenylenebis  
(azanylylidene))bis(methanylylidene))diphenol.**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

BY  
**KIRUTHIKA KANNAN**  
(REGISTER NO: A20CHE15)

Under the Guidance of

**Dr. F. PAUL AROKIA DOSS, M.Sc., M.Ed., M.Phil., SET, Ph.D.,**  
PG & Research Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDALORE – 607001**

**APRIL 2023**

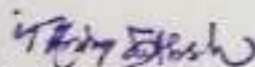
### CERTIFICATE

Dr. F. PAUL AROKIA DOSS, M.Sc., M.Ed., M.Phil., SET, Ph.D.,  
Associate Professor & Research Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore- 607001.

---

### CERTIFICATE

This is to certify that this Project report entitled, "COLORIMETRIC DETECTION OF METAL IONS USING SCHIFF BASE (2,2'((1E,1'E)(1,2-phenylenebis(azanylylidene))bis(methanylylidene))diphenol" is a bonafide record of work done by KIRUTHIKA KANNAN (A20CHE15) under my supervision and submitted to ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-1 Affiliated to THIRUVALLUVAR UNIVERSITY, VELLORE in partial fulfillment for the award of the Degree of BACHELOR OF SCIENCE IN CHEMISTRY.


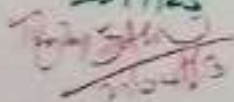
  
Head of the Department

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

  
Project Guide

Submitted for the viva-voice Examination held on 27.04.2023 ....

Examiner

1.   
20/4/23
2.   
20/4/23

**COLORIMETRIC DETECTION OF METAL IONS USING  
SCHIFF BASE 2-((E)-(2-(((E)-(3-hydroxynaphthalen-2-yl)  
methylene) amino) phenyl) imino) methyl) naphthalen-1-yl**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

BY

**M.MONIKA**

**(REGISTER NO: A20CHE17)**

*Under the Guidance of*

**DR. F. PAUL AROKIA DOSS M.Sc., M.Ed., M.Phil., SET, Ph.D.,**  
PG & Research Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE – 607001**

**APRIL, 2023**

**CERTIFICATE**

DR. F. PAUL AROKIA DOSS M.Sc., M.Ed., M.Phil., UET, Ph.D.

PCL &amp; Research Department of Chemistry,

St. Joseph's College of Arts & Sciences (Indianapolis)

$$C_{\text{condensate}} = 6.21 H_0^2$$

### CERTIFICATE

This is to certify that this Project report entitled, "CHARACTERIZATION OF METAL IONS USING SCHIFF BASE, 2-(11,11,11,13-tetrahydro-5H-benzofuro[2,3-b]pyridin-5-yl)methyleneamino)phenylamino)methyl)naphthalen-1-yl" is identical to that done by M. MONIKA (A20CHE17) under my supervision and submitted to MAHARAJA COLLEGE OF ARTS & SCIENCE(AUTONOMOUS), CHIDAMBARAM-1, Affiliated to THIRUVALLUVAR UNIVERSITY, VELLORE in partial fulfillment for the award of the Degree of BACHELOR OF SCIENCE IN CHEMISTRY.

Head of the Department  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
St. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
MADRAS-600 084

7-23  
7-23-10

Submitted for the viva-voce Examination held on 27-04-2023

Examiners:

1.  $\frac{1}{2}$
2.  $\frac{1}{2}$



**DFT STUDIES OF (E)- 3-(4-bromophenyl)-1-(2,3-dihydrobenzo[b][1,4] dioxin-6-yl)prop-2-en-1-one (BPOP)**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

BY  
**M. PAVITHRA**  
(REGISTER NO: A20CHE18)

Under the Guidance of

**Mr. S. IMMANUEL, M.Sc., B.Ed., M.Phil.,**  
PG & Research Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE – 607001**

**APRIL 2023**

### CERTIFICATE

Mr. S. IMMANUEL, M.Sc., B.Ed., MPhil.,  
PG & Research Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore- 607001.

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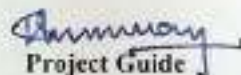
### CERTIFICATE

This is to certify that this Project report entitled, "DFT STUDIES OF (E)- 3-(4-bromophenyl)-1-(2,3-dihydrobenzo[b][1,4] dioxin-6-yl)- prop2-en-1-one (BPOP)" is a bonafide record of work done by M. PAVITHRA (A20CHE18) under my supervision and submitted to ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-1, Affiliate to THIRUVALLUVAR UNIVERSITY, VELLORE in partial fulfillment for the award of the Degree of BACHELOR OF SCIENCE IN CHEMISTRY.



Head of the Department

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DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

  
Project Guide

Submitted for the viva-voice Examination held on. 27/04/2023

### Examiners:

1. 
2. 

**DFT STUDIES OF 3-(2,3-dihydrobenzo [b][1,4] dioxin-6-yl)-5-(4-fluorophenyl)-1 H-pyrazole (BOFP)**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

BY  
**S. PRABA**  
(REGISTER NO: A20CHE19)

Under the Guidance of

**Mr. S. IMMANUEL, M.Sc., B.Ed., M.Phil.,**  
PG & Research Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE - 607001**

**APRIL 2023**

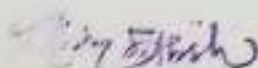
### CERTIFICATE

Mr. S. IMMANUEL, M.Sc., B.Ed., M.Phil.,  
PG & Research Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore- 607001.

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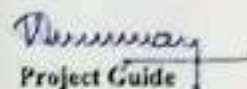
### CERTIFICATE

This is to certify that this Project report entitled, "DFT STUDIES OF 3-(2,3-dihydrobenzo[b][1,4] dioxin-6-yl)-5-(4-fluorophenyl)-1 H-pyrazole" is a bonafide record of work done by S. PRABA (A20CHE19) under my supervision and submitted to ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-1, Affiliate to THIRUVALLUVAR UNIVERSITY, VELLORE in partial fulfillment for the award of the Degree of BACHELOR OF SCIENCE IN CHEMISTRY.





Head of the Department

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

  
Project Guide

Submitted for the viva-voice Examination held on...*21.11.23*

### Examiners:

1.   
20/11/23
2.   
20/11/23



# **MANUFACTURE OF SUGAR ALONG WITH THE COMPARISON OF NUTRITIONAL VALUES OF SUGAR**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

**B PRAGADEESWARI  
(REGISTER NO: A20CHE20)**

Under the Guidance of

**Mr. S. IMMANUEL, M.Sc., M.Phill., B.Ed.,**  
PG & Research Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE - 607001**

**APRIL- 2023**

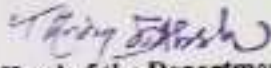
### CERTIFICATE

Mr. S. IMMANUEL, M.Sc., M.Phil., B.Ed.,  
PG & Research Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

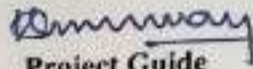
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### CERTIFICATE

This is to certify that this Project report entitled, "MANUFACTURE OF SUGAR ALONG WITH THE COMPARISON OF NUTRITIONAL VALUES OF SUGAR" is a bonafide record of work done by B.PRAGADEESWARI (A20CHE20) under my supervision and submitted to ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-1, Affiliated to THIRUVALLUVAR UNIVERSITY, VELLORE in partial fulfillment for the award of the Degree of BACHELOR OF SCIENCE IN CHEMISTRY.



  
Head of the Department

HEAD OF THE DEPARTMENT  
DEPARTMENT - CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

  
Project Guide

Submitted for the viva-voice Examination held on 27.04.2023

### Examiners:

1. 
2.   
27/04/23

**MACRO AND MICRONUTRIENT STATUS IN PEANUTS  
GROWING COASTAL LAND AREA OF PANRUTI TALUK  
OF CUDDALORE DISTRICT IN TAMIL NADU, INDIA.**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

BY  
**G.K.PRIYADHARSHINI**  
(REGISTER NO: A20CHE21)

*Under the Guidance of*

**Mr. S. IMMANUEL, M.Sc., B.Ed., M.Phil.,**  
PG & Research Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE - 607001**

**APRIL 2023**

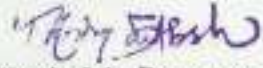
### CERTIFICATE

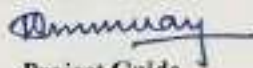
Dr. S. IMMANUEL, M.Sc., B.Ed., M.Phil.,  
G & Research Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore- 607001.

---

### CERTIFICATE

This is to certify that this Project report entitled, "MACRO AND MICRONUTRIENT STATUS IN PEANUTS GROWING COASTAL LAND AREA OF PANRUTI TALUK OF CUDDALORE DISTRICT IN TAMILNADU, INDIA" is a bonafide record of work done by G.K.PRIYADHARSHINI (A20CHE21) under my supervision and submitted to ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-1, Affiliat to THIRUVALLUVAR UNIVERSITY, VELLORE in partial fulfillment for the award of the Degree of BACHELOR OF SCIENCE IN CHEMISTRY.

  
**Head of the Department**  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENC  
(AUTONOMOUS)  
CUDDALORE - 607 001

  
**Project Guide**

Submitted for the viva-voice Examination held on 27.04.2022

Examiners:

1. 
2. 



**DFT STUDIES OF (E)-1-(2,3-dihydrobenzo[b][1,4] dioxin-6-yl)-3-(4-fluorophenyl)prop-2-en-1-one (OFPP)**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

BY  
**N. RANJANA**  
(REGISTER NO: A20CHE22)

Under the Guidance of

**Mr. S. IMMANUEL, M.Sc., B.Ed., M.Phil.,**  
PG & Research Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE – 607001**

**APRIL 2023**

### CERTIFICATE

Mr. S. IMMANUEL, M.Sc., B.Ed., M.Phil.,  
PG & Research Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore- 607001.

---

### CERTIFICATE

This is to certify that this Project report entitled, "DFT STUDIES OF (E)-1-(2,3-dihydrobenzo[b][1,4] dioxin-6-yl)-3-(4-fluorophenyl)prop-2-en-1-one. (OFPP)" is a bonafide record of work done by N. RANJANA (A20CHE22) under my supervision and submitted to ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-1, Affiliate to THIRUVALLUVAR UNIVERSITY, VELLORE in partial fulfillment for the award of the Degree of BACHELOR OF SCIENCE IN CHEMISTRY.



Head of the Department

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDDALORE - 607 001

  
Project Guide

Submitted for the viva-voice Examination held on.....27.4.2023

### Examiners:

1. 
2. 

**MACRO AND MICRONUTRIENT STATUS IN PEANUTS  
GROWING COASTAL LAND AREA OF PANRUTI TALUK  
OF CUDDALORE DISTRICT IN TAMIL NADU, INDIA.**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

BY  
**G.K.PRIYADHARSHINI  
(REGISTER NO: A20CHE21)**

Under the Guidance of

**Mr. S. IMMANUEL, M.Sc., B.Ed., M.Phil.,**  
PG & Research Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE - 607001**


**APRIL 2023**

### CERTIFICATE

Dr. S. IMMANUEL, M.Sc., B.Ed., M.Phil.,  
G & Research Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

### CERTIFICATE

This is to certify that this Project report entitled, "MACRO AND MICRONUTRIENT STATUS IN PEANUTS GROWING COASTAL LAND AREA OF PANRUTI TALUK OF CUDDALORE DISTRICT IN TAMILNADU, INDIA" is a bonafide record of work done by G.K.PRIYADHARSHINI (A20CHE21) under my supervision and submitted to ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-I, Affiliat to THIRUVALLUVAR UNIVERSITY, VELLORE in partial fulfillment for the award of the Degree of BACHELOR OF SCIENCE IN CHEMISTRY.

  
Head of the Department  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENC  
(Autonomous)  
CUDDALORE - 607 001

  
Project Guide

Submitted for the viva-voice Examination held on 27.04.2023

Examiners:

1.   
28/4/23
2.   
28/4/23



**DFT STUDIES OF (E)-1-(2,3-dihydrobenzo[b][1,4] dioxin-6-yl)-3-(4-fluorophenyl)prop2-en-1-one (OFPP)**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

BY  
**N. RANJANA**  
(REGISTER NO: A20CHE22)

Under the Guidance of

**Mr. S. IMMANUEL, M.Sc., B.Ed., M.Phil.,**  
PG & Research Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE – 607001**

**APRIL 2023**

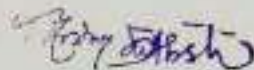
### CERTIFICATE

Mr. S. IMMANUEL, M.Sc., B.Ed., M.Phil.,  
PG & Research Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore- 607001.

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### CERTIFICATE

This is to certify that this Project report entitled, "DFT STUDIES OF (E)-1-(2,3-dihydrobenzo[b][1,4] dioxin-6-yl)-3-(4-fluorophenyl)prop-2-en-1-one. (OFPP)" is a bonafide record of work done by N. RANJANA (A20CHE22) under my supervision and submitted to ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-1, Affiliate to THIRUVALLUVAR UNIVERSITY, VELLORE in partial fulfillment for the award of the Degree of BACHELOR OF SCIENCE IN CHEMISTRY.



**Head of the Department**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

  
Project Guide

Submitted for the viva-voice Examination held on.....27.4.2023.....

### Examiners:

1. 
2. 

**DFT STUDIES OF 5-(4-bromophenyl)-3-(2,3dihydrobenzo[b][1,4]dioxin-6-yl)-H-pyrazole (BBOP)**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

BY  
**B. SARASWATHI**  
(REGISTER NO: A20CHE23)

Under the Guidance of

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**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
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CUDDALORE – 607001**

**APRIL 2023**

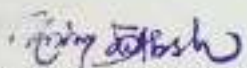
### CERTIFICATE

Mr. S. IMMANUEL, M.Sc., B.Ed., M.Phil.,  
PG & Research Department of Chemistry,  
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Cuddalore- 607001.


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### CERTIFICATE

This is to certify that this Project report entitled, "DFT STUDIES OF 5-(4-bromophenyl)-3-(2,3 dihydrobenzo [b][1,4] dioxin-6-yl)-H-pyrazole (BBOP)" is a bonafide record of work done by B. SARASWATHI (A20CHE23) under my supervision and submitted to ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-1, Affiliate to THIRUVALLUVAR UNIVERSITY, VELLORE in partial fulfillment for the award of the Degree of BACHELOR OF SCIENCE IN CHEMISTRY.

  
Head of the Department

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Project Guide

Submitted for the viva-voice Examination held on 27.04.2023.

### Examiners:

1.   
27/4/23
2.   
27/4/23



**MACRO AND MICRONUTRIENT STATUS IN PEANUTS  
GROWING COASTAL LAND AREA OF PANRUTI TALUK  
OF CUDDALORE DISTRICT IN TAMIL NADU, INDIA.**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

BY  
**U. SHAMEENA BANU**  
(REGISTER NO: A20CHE24)

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**Mr. S. IMMANUEL, M.Sc., B.Ed., M.Phil.,**  
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**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
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CUDDALORE - 607001**

**APRIL 2023**

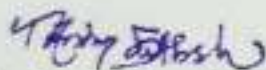
### CERTIFICATE

Mr. S. IMMANUEL, M.Sc., B.Ed., M.Phil.,  
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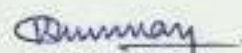
### CERTIFICATE

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ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

  
Project Guide

Submitted for the viva-voice Examination held on...27.04.2023

Examiners:

1. 
2. 

**MACRO AND MICRONUTRIENT STATUS IN PEANUTS  
GROWING COASTAL LAND AREA OF PANRUTI TALUK  
OF CUDDALORE DISTRICT IN TAMIL NADU, INDIA.**

A PROJECT REPORT SUBMITTED TO  
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IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

BY  
**S.SHAMITHA**  
(REGISTER NO: A20CHE25)

Under the Guidance of

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PG & Research Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
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CUDDALORE – 607001**

**APRIL 2023**

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PG & Research Department of Chemistry,  
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Cuddalore- 607001.

### CERTIFICATE

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*[Signature]*

Head of the Department

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ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

*[Signature]*  
Project Guide

Submitted for the viva-voice Examination held on... 27.4.2023

### Examiners:

1. *[Signature]*  
27/4/23
2. *[Signature]*  
27/4/23



**SYNTHESIS AND IR-SPECTRAL STUDY OF ETHYL  
SUBSTITUTED MORPHOLINOPHENYL CHALCONE**

A PROJECT THEESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

By

**R. SUBHIGSHA  
(ROLL NO: A20CHE27)**

Under the Guidance of

**Dr. D. BHAKIARAJ, M.Sc., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDDALORE - 607001**

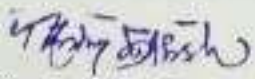
**APRIL 2023**

**Dr. D. BHAKIARAJ, M.Sc., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

---

## CERTIFICATE

This is to certify that this project thesis on "**SYNTHESIS AND IR-SPECTRAL STUDY OF ETHYL SUBSTITUTED MORPHOLINOPHENYL CHALCONE**" is a bonafide record of work done by **R. SUBHIGSHA (A20CHE27)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE - 1**, Affiliated to **THIRUVALLUVAR UNIVERSITY, VELLORE** in partial fulfillment for the award of the Degree of **BACHELOR OF SCIENCE IN CHEMISTRY**.

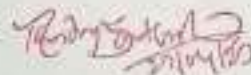
  
**Head of the Department**  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
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(Autonomous)  
CUDDALORE - 607 001

  
**Project Guide**

Submitted for Viva-Voce Examination held on 27/04/23

Examiners:

1.   
28/4/23

2. 

**SYNTHESIS AND NMR SPECTRAL STUDY OF ETHYL  
SUBSTITUTED MORPHOLINOPHENYL CHALCONE**

A PROJECT THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

By

**A. SWEETTY  
(ROLL NO: A20CHE28)**

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**Dr. D. BHAKIARAJ, M.Sc., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry



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ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
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CUDDALORE - 607001**

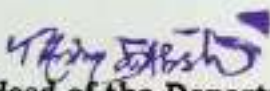
**APRIL 2023**

**Dr. D. BHAKIARAJ, M.Sc., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

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**Head of the Department**


  
**Project Guide**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
Cuddalore - 607001

Submitted for Viva-Voce Examination held on 27.04.2023

Examiners:

1.   
27/4/23

2.   
27/4/23



# **SYNTHESIS AND IR-SPECTRAL STUDY OF ETHOXY SUBSTITUTED MORPHOLINOPHENYL CHALCONE**

A PROJECT THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

By

**R. SWETHA  
(ROLL NO: A20CHE29)**

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Assistant Professor, Department of Chemistry



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ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
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CUDDALORE - 607001**

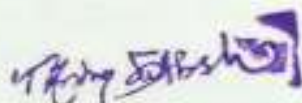
**APRIL 2023**

**Dr. D. BHAKIARAJ, M.Sc., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

---

## CERTIFICATE

This is to certify that this project thesis on "**SYNTHESIS AND IR-SPECTRAL STUDY OF ETHOXY SUBSTITUTED MORPHOLINOPHENYL CHALCONE**" is a bonafide record of work done by **R. SWETHA (A20CHE29)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE - 1**, Affiliated to **THIRUVALLUVAR UNIVERSITY, VELLORE** in partial fulfillment for the award of the Degree of **BACHELOR OF SCIENCE IN CHEMISTRY**.



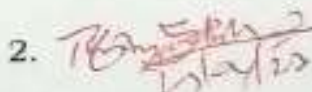
**Head of the Department**  
DEPARTMENT OF CHEMISTRY  
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CUDDALORE - 607 001

  
**Project Guide**

Submitted for Viva-Voce Examination held on 27.04.2023

Examiners:

1.   
20/4/23

2.   
20/4/23

**SYNTHESIS AND NMR SPECTRAL STUDY OF ETHOXY  
SUBSTITUTED MORPHOLINOPHENYL CHALCONE**

A PROJECT THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

By

**S. TAMIL NILA  
(ROLL NO: A20CHE30)**

Under the Guidance of

**Dr. D. BHAKIARAJ, M.Sc., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDDALORE - 607001**

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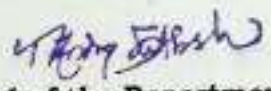


**Dr. D. BHAKIARAJ, M.Sc., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

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## CERTIFICATE

This is to certify that this project thesis on "**SYNTHESIS AND NMR SPECTRAL STUDY OF ETHOXY SUBSTITUTED MORPHOLINOPHENYL CHALCONE**" is a bonafide record of work done by **S. TAMIL NILA (A20CHE30)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE - 1,** Affiliated to **THIRUVALLUVAR UNIVERSITY, VELLORE** in partial fulfillment for the award of the Degree of **BACHELOR OF SCIENCE IN CHEMISTRY.**

  
**Head of the Department**

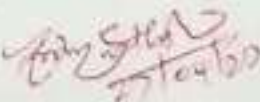
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
Cuddalore - 607001

  
**Project Guide**

Submitted for Viva-Voce Examination held on 27.04.23

Examiners:

1.   
28/4/23

2.   
28/04/23



**SYNTHESIS AND IR-SPECTRAL STUDY OF  
ISOPROPYL SUBSTITUTED  
MORPHOLINOPHENYL CHALCONE**

A PROJECT THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

By

**P. UMAMAHESHWARI  
(ROLL No.: A20CHE31)**

Under the Guidance of

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Assistant Professor, Department of Chemistry



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(AUTONOMOUS)  
CUDDALORE - 607001**

**APRIL 2023**

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Assistant Professor, Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

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**Head of the Department**

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DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCES  
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CUDDALORE - 607 001

  
**Project Guide**

Submitted for Viva-Voce Examination held on 27.4.2023

Examiners:

1.   
20/4/23

2.   
20/4/23

**SYNTHESIS AND NMR SPECTRAL STUDY OF  
ISOPROPYL SUBSTITUTED  
MORPHOLINOPHENYL CHALCONE**

A PROJECT THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
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THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

By

**V. VINISHA  
(ROLL No.: A20CHE32)**

Under the Guidance of

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Assistant Professor, Department of Chemistry



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CUDDALORE - 607001**

**APRIL 2023**

**Dr. D. BHAKIARAJ, M.Sc., M.Phil., Ph.D.**

Assistant Professor, Department of Chemistry,

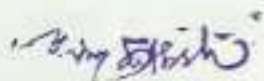
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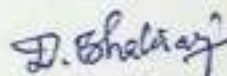
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**Head of the Department**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
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CUDDALORE - 607001

  
**Project Guide**

Submitted for Viva-Voce Examination held on 27.11.2023

Examiners:

1.   
27/11/23

2.   
27/11/23



**SYNTHESIS AND IR-SPECTRAL STUDY OF  
DIMETHYLAMINO SUBSTITUTED  
MORPHOLINOPHENYL CHALCONE**

A PROJECT THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

By

**V. VINOTHINI  
(ROLL No.: A20CHE33)**

Under the Guidance of

**Dr. D. BHAKIARAJ, M.Sc., M.Phil., Ph.D.**  
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**APRIL 2023**

**Dr. D. BHAKIARAJ, M.Sc., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry,  
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Cuddalore - 607001.

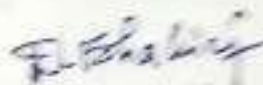
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**Head of the Department,**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
AUTONOMOUS  
CUDDALORE - 607 001

  
Project Guide

Submitted for Viva-Voce Examination held on 23.01.2023

Examiners:

1.   
23/1/23

2.   
23/1/23

**SYNTHESIS AND NMR SPECTRAL STUDY OF  
DIMETHYLAMINO SUBSTITUTED  
MORPHOLINOPHENYL CHALCONE**

A PROJECT THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

By

**R. R. MATHU SRI JANAGAA**  
(ROLL No.: A20CHE34)

Under the Guidance of

**Dr. D. BHAKIARAJ, M.Sc., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDDALORE - 607001**

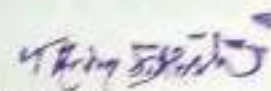
**APRIL 2023**


Dr. D. BHAKIARAJ, M.Sc., M.Phil., Ph.D.  
Assistant Professor, Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 605001.

---

## CERTIFICATE

This is to certify that this project thesis on "SYNTHESIS AND IR & SPECTRAL STUDY OF DIMETHYLAMINO SUBSTITUTED MORPHOLINOPHENYL CHALCONE" is a bonafide record of work done by R. R. MATHU SRI JANAGAA (A20CKE24) under my supervision and submitted to ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE - 1, Affiliated to TRINITYVALLUVAR UNIVERSITY, VELLORE in partial fulfillment for the award of the Degree of BACHELOR OF SCIENCE IN CHEMISTRY.

  
Head of the Department  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
St. JOSEPH'S COLLEGE OF ARTS & SCIENCE,  
Autonomous  
CUDDALORE - 605 001

  
Project Guide

Submitted for Viva-Voce Examination held on 23-04-2023

Examiners:

1.   
20/4/23

2.   
20/4/23



# **CHEMISTRY OF DISHWASH LIQUID**

*A Thesis Submitted to*

*St. Joseph's College of arts and science (Autonomous), Cuddalore-I,*

*In partial fulfillment for the award of the degree of*

**BACHELOR OF SCIENCE IN CHEMISTRY**

By

**DIVYA.R**

**(Register No: A20CHE35)**

Under the guidance of

**Dr. C ADAIKALARAJ M.Sc.,M.Phil., Ph.D**

**Assistant Professor**

**,PG & Research Department of Chemistry**



**St. Joseph's College of arts and science (Autonomous),**

**Cuddalore-I,**

**APRIL-2023**

31.12.2022

**CERTIFICATE**

This is to certify that **Ms.DIVYA.R**, [Reg No: A20CHE35] B.Sc. (CHEMISTRY)/  
Final Year/Final Semester, Student of St. Joseph's College of Arts and Science  
(Autonomous). She has completed his Project Work in our Organization for a  
period of (24.12.2022 to 31.12.2022).

We wish her success in all his future endeavour.

For SREE PUSHPAM INDUSTRIES  
(UNIT - II)

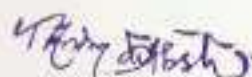


Authorized Signatory

G.Pireethi  
Human Resource

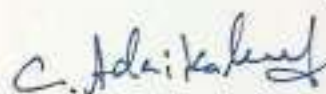
## CERTIFICATE

This is to certify that the dissertation report on "CHEMISTRY OF DISHWASH LIQUID" is a bonafide record of work done by DIVYA.R (Reg. no: A20CHE35), submitted to St. Joseph's college of Arts and Science (autonomous), Cuddalore-1, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of bachelor science in chemistry.



**Head of the Department**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDDALORE - 607 001



**Signature of the Guide**


**Dr. C ADAIKALARAJ**

Place: Cuddalore

Date: 27.04.2023

Signature of the examiner:

1.   
27/4/23

2.   
27/04/23

DECLARATION

# **DETERMINATION OF PLASTIC MOLDING OF SREE VENKATESWARA PLASTICS**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

BY  
**A. SRIDEVI**  
(REGISTER NO: A20CHE36)

Under the Guidance of

**Dr. C. ADAIKALRAJ, M.Sc., M.Phil., Ph.D.,**  
Assistant Professor Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE – 607001**

**APRIL 2023**



## CERTIFICATE

**Dr. C. ADAIKALRAJ, M.Sc., M.Phil., Ph.D**

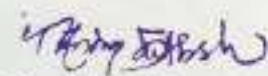
PG & Research Department of Chemistry,

St. Joseph's College of Arts & Science (Autonomous),

Cuddalore- 607001.

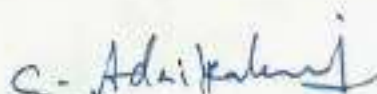
## CERTIFICATE

This is to certify that this Project report entitled, " DETERMINATION OF PLASTIC MOLDING OF SREE VENKATESWARA PLASTICS" is a bonafide record of work done by **A. SRIDEVI (A20CHE36)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-1**, Affiliat to **THIRUVALLUVAR UNIVERSITY, VELLORE** in partial fulfillment for the award of the Degree of **BACHELOR OF SCIENCE IN CHEMISTRY**.



**Head of the Department**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
CUDDALORE-1  
TAMIL NADU



**Project Guide**

Submitted for the viva-voice Examination held on...**27.4.23**..

Examiners:

1.   
27/4/23
2. 


04-Feb-23

## CERTIFICATE

This is to certify that **Ms.A. Sridevi (Reg No – A20CHE36)**, B.Sc – VI Semester Student of St.Joseph's College of Arts and Science (Autonomous) Cuddalore, had undergone **ProjectWork** for the period form 31-Jan-2023 to 04-Feb-2023 in our organization.

We are pleased to certify that she had completed the **ProjectWork** successfully and during the period of ProjectWork her conduct was Good.

For Service Industries

  
SIVASHANKAR M  
OWNER



# **QUALITY ANALYSIS OF SOAP**

A Thesis submitted to St. Joseph's College of Arts and Science (Autonomous)

In partial fulfillment for the award of degree of

## **BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted By

**S . KAVISHGA**

**(Reg. No : A20CHE37)**

Under the Guidance of

**Dr. C. ADAIKALARAJ, M. Sc., M. Phil., Ph.D.,**

Department of Chemistry

St. Joseph's College of Arts and Science (Autonomous)



**POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE – 607001**

**APRIL- 2023**


31.12.2022

**CERTIFICATE**

This is to certify that **Ms.KAVISHGA.S**, [Reg No: A20CHE37] B.Sc. (CHEMISTRY)/ Final Year/Final Semester, Student of St. Joseph's College of Arts and Science (Autonomous). She has completed his Project Work in our Organization for a period of (24.12.2022 to 31.12.2022).

We wish her success in all his future endeavour.

For SREE PUSHPAM INDUSTRIES  
(UNIT - II)

  
Authorized Signatory

G.Pireethi  
Human Resource



### CERTIFICATE

**Dr. C. ADAIKALARAJ, M. Sc., M. Phil., Ph.D.,**

Assistant Professor,

PG & Research Department of Chemistry,

St. Joseph's College of Arts and Science (Autonomous),

Cuddalore - 607001

### CERTIFICATE

This is to certify that the dissertation report on "QUALITY ANALYSIS OF SOAP" is a Bonafide record of work done by **KAVISHGA. S, B.Sc. Chemistry (Reg. No: A20CHE37)** under my supervision and submitted to **St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1, Affiliated to Thiruvalluvar University, Vellore**, in partial fulfillment for the award of the degree of **Bachelor of Science In Chemistry**.

*C. Adaikalaraj*  
Signature of the Guide

**Dr. C. ADAIKALARAJ, M. Sc., M. Phil., Ph.D.,**

### Forwarded By:

*K. Arjun Subash*

(Head of the Department)

HEAD OF THE DEPARTMENT

DEPARTMENT OF CHEMISTRY

ST. JOSEPH'S COLLEGE OF ARTS & SCIENCES

(Autonomous)

Submitted for the viva - Voce Examination held on 27.4.2023

### **EXAMINERS:**

1. *[Signature]*  
20/4/23

2. *[Signature]*  
27/4/23

**A COMPARATIVE STUDY ON ALCOHOLIC FERMENTATION OF  
MOLASSES AT VARIOUS BRIX BY YEASTS SACCHAROMYCES  
CEREVISIAE AND SCHIZOSACCHAROMYCES POMP**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS) IN PARTIAL  
FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

**By  
M.RUMAIJA BANU  
(REGISTER NO: A20CHE38)**

Under the Guidance of

**Dr.C.ADAIKALARAJ, Msc., M. Phil., Ph.D.,**  
PG & Research Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS) CUDDALORE – 607001**

**APRIL 2023**

## CERTIFICATE

**Dr.C.ADAIKALARAJ, Msc., M. Phil., Ph.D.,**  
PG & Research Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

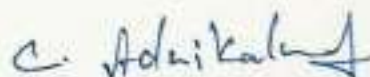
## CERTIFICATE

THIS is to certify that this Project report entitled, **"A COMPARATIVE STUDY ON ALCOHOLIC FERMENTATION OF MOLASSES AT VARIOUS BRIX BY YEASTS SACCHAROMYCES CEREVISIAE AND SCHIZOSACCHAROMYCES POMP"** is a bonafide record of work done by **MRUMAIJA BANU(A20CHE38)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE(AUTONOMOUS), CUDDALORE-1**, Affiliated to **THIRUVALLUVAR UNIVERSITY, VELLORE** in partial fulfillment for the award of the Degree of **BACHELOR OF SCIENCE IN CHEMISTRY**.



**Head of the Department**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous),  
CUDDALORE - 607 001

  
**Project Guide**

Submitted for the viva-voice Examination held on 27/04/2023

Examiners:

1.   
20/4/23

2.   
27/04/23

# **MANUFACTURE OF LIQUID DETERGENT**

A PROJECT REPORT SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS) IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE  
AWARD OF THE DEGREE OF

**BACHELOR OF SCIENCE**

**IN**

**CHEMISTRY**

**BY**

**M. BHARATHI**

**(REGISTER NO: A20CHE39)**

Under the Guidance of

**Dr.C.ADAIKALARAJ, M.Sc., M.Phil., Ph.D.**

**Asst. Prof. of chemistry**

**PG & Research Department of Chemistry**



**2020-2023**

**PG & RESEARCH DEPARTMENT OF CHEMISTRY**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
**CUDDALORE – 607001**

**APRIL-2023**



31.12.2022

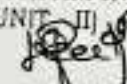
**CERTIFICATE**

This is to certify that **Mrs.BHARATHLM**, [Reg No: A20CHE39] B.Sc. (CHEMISTRY)/ Final Year/Final Semester, Student of St. Joseph's College of Arts and Science (Autonomous). She has completed his Project Work in our Organization for a period of (24.12.2022 to 31.12.2022).

We wish her success in all his future endeavour.

For SREE PUSHPAM INDUSTRIES

(UNIT - II)

  
Authorised Signatory

G.Pireethi

Human Resource

## CERTIFICATE

Dr.C.ADAIKALARAJ, M.Sc., M.Phil., Ph.D.


PG & Research Department of Chemistry,

St.Joseph's College of Arts & Science (Autonomous),

Cuddalore - 607001.

## CERTIFICATE

This is to certify that this Project report entitled, "MANUFACTURE OF LIQUID DETERGENT" is a Bonafide Record of work done by M. BHARATHI (A20CHE39) under my supervision and submitted to ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-1, Affiliated to THIRUVALLUVAR UNIVERSITY, VELLORE in partial fulfillment for the award of the Degree of BACHELOR OF SCIENCE IN CHEMISTRY.


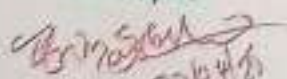
  
Head of the Department

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

  
Project Guide 24

Submitted for the viva-voice Examination held on 27/4/23

Examiners:

1.   
23/4/23
2.   
23/4/23

**PREPARATION OF SOAP DIFFERENT TYPES OF OILS  
AND IT'S PROPERTIES**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

**N.PARAMESWARI  
(REGISTER NO: A20CHE40)**

Under the Guidance of  
**Dr.C.ADAIKALARAJ, Msc., M. Phil., Ph.D.,**

PG & Research Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE – 607001**

**APRIL- 2023**

31.12.2022

**CERTIFICATE**

This is to certify that **Ms.PARAMESWARIN**, [Reg No: A20CHE40] B.Sc. (CHEMISTRY)/ Final Year/Final Semester, Student of St. Joseph's College of Arts and Science (Autonomous). She has completed his Project Work in our Organization for a period of (24.12.2022 to 31.12.2022).

We wish her success in all his future endeavour.

For SREE PUSHPAM INDUSTRIE



Authorized Signatory

G.Pircethi  
Human Resource




CERTIFICATE

Dr.C.ADAIKALARAJ, Msc., M. Phil., Ph.D.,  
PG & Research Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

---

**CERTIFICATE**


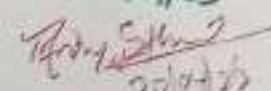
This is to certify that this Project report entitled, "**PREPARATION OF SOAP  
DIFFERENT TYPES OF OILS AND IT'S PROPERTIES**" is a bonafide record of  
work done by N.PARAMESWARI(A20CHE40) under my supervision and submitted to  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-1,**  
Affiliated to **THIRUVALLUVAR UNIVERSITY, VELLORE** in partial fulfillment for the award  
of the Degree of **BACHELOR OF SCIENCE IN CHEMISTRY.**

  
Head of the Department  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607001

  
Project Guide

Submitted for the viva-voice Examination held on **27.4.2023**

Examiners:

1.   
27/4/23
2.   
27/4/23

# **MANUFACTURING OF DETERGENT POWDER**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

BY

**K.DHIVYA**  
(REGISTER NO: A20CHE41)

Under the Guidance of

**Dr. C. ADAIKALARAJ, M.Sc., M.Phil., Ph.D.,**  
PG & Research Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE – 607001**

**APRIL 2023**


CERTIFICATE

**Dr. C. ADAIKALARAJ, M.Sc., M.Phil., Ph.D.,**  
PG & Research Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

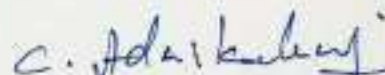
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CERTIFICATE

This is to certify that this Project report entitled, "**MANUFACTURING OF DETERGENT POWDER**" is a bonafide record of work done by **K.DHIVYA (A20CHE41)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-1, Affiliated to THIRUVALLUVAR UNIVERSITY, VELLORE** in partial fulfillment for the award of the Degree of **BACHELOR OF SCIENCE IN CHEMISTRY**.





Head of the Department



Project Guide

Submitted for the viva-voice Examination held on 27.4.2023

Examiners:


1.   
22/4/23
2.   
22/4/23

11.12.2022

### CERTIFICATE

This is to certify that **MeDHIVYAK**, [Reg. No. A20C1041] B.Sc. (CHEMISTRY) Final Year/Final Semester, Student of St. Joseph's College of Arts and Science (Autonomous). She has completed his Project Work in our Organisation for a period of (24.12.2022 to 31.12.2022).

We wish her success in all his future endeavour.

For **SHREE PUSHPAM INDUSTRIES**  
(UNIT-1)  
  
Authorized Signatory

G. Poojitha  
Human Resource



# **FORMULATION AND EVALUATION OF HERBAL HAIR WASH POWDER**

A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE(AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

**By  
B.AARTHI  
(REGISTER NO: A20CHE42)**

Under the Guidance of

**Dr.C.ADAIKALARAJ, MSC., M. PHIL., PH.D.,**  
PG & Research Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS) CUDDALORE - 607001**

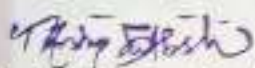
**APRIL 2023**

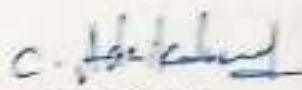
### CERTIFICATE

**Dr. C. ADAIKALARAJ, M.Sc., M. Phil., Ph.D.,**  
PG & Research Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

### CERTIFICATE


THIS is to certify that this Project report entitled, "FORMULATION AND EVALUATION OF HERBAL HAIR WASH POWDER" is a bonafide record of work done by **B.AARTHI** (A20CHE42) under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE(AUTONOMOUS), CUDDALORE-I, Affiliated to THIRUVALLUVAR UNIVERSITY, VELLORE** in partial fulfillment for the award of the Degree of **BACHELOR OF SCIENCE IN CHEMISTRY.**

  
**Head of the Department**  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDDALORE - 607 001

  
**Project Guide**

Submitted for the viva-voice Examination held on... 27/4/2023

#### Examiners:

1.   
28/4/23
2.   
28/4/23

Date :

30.12.2022

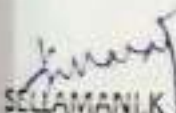
To,

The Head of the department,  
Department of Chemistry,  
St. Joseph's College of Arts and Science,  
Cuddalore - 1

This is to certify that Ms. **B.AARTHI – A20CHE42** (Bsc Chemistry III Year) student from St. Joseph's college of Arts and Science, Cuddalore has done her project work titled "**QUALITATIVE ANALYSIS OF HERBAL HAIR WASH POWDER**" in our organization from 23.12.22 to 30.12.2022, during this period she is obedient and regular to her project studies.

We wish her grand success in her future endeavors.

For ROHIT INDIA

  
SELLAMANI.K 30/12/22  
Manager – Human Resources

**A STUDY OF THE OPTIMUM COMBINATION OF SOAPS AND  
SYNTHETIC DETERGENTS**

*A Thesis Submitted to*

*St. Joseph's College of arts and science (Autonomous), Cuddalore-1*

*In partial fulfillment for the award of the degree of*

**BACHELOR OF SCIENCE IN CHEMISTRY**

**By**

**ASHWINIA**

**(Register No: A20CHE44)**

Under the guidance of

**Dr. C ADAIKALARAJ M.Sc.,M.Phil.,Ph.D.,**

**Assistant Professor**

**,PG & Research Department of Chemistry**



**St. Joseph's College of arts and science (Autonomous),**

**Cuddalore-1,**

**APRIL-2023**



31.12.2022

**CERTIFICATE**

This is to certify that **Ms.ASHIWINLA**, [Reg No: A20CHE44] B.Sc. (CHEMISTRY)/ Final Year/Final Semester, Student of St. Joseph's College of Arts and Science (Autonomous). She has completed his Project Work in our organization for a period of (24.12.2022 to 31.12.2022).

We wish her success in all his future endeavour.

SREE PUSHPAM INDUSTRIES

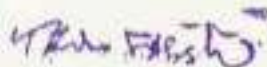
(UNIT - II)

  
Authorized Signatory

Pireethi  
Human Resource

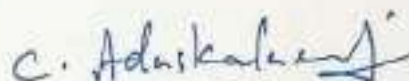
## CERTIFICATE

This is to certify that the dissertation report on "STUDY OF THE OPTIMUM COMBINATION OF SOAPS AND SYNTHETIC DETERGENTS" is a bonafide record of work done by ASHWINLA (Reg. no: A20CHE44), submitted to St. Joseph's college of Arts and Science (autonomous), Cuddalore-1, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of bachelor science in chemistry.



Head of the Department

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCES  
(AUTONOMOUS)  
CUDDALORE - 607 001



Signature of the Guide

Dr. C ADAIKALARAJ

Place: Cuddalore

Date: 27 04 2023

Signature of the examiner:

1.   
20/4/23

2.   
20/4/23

**PREPARATION OF ETHANOL FROM MOLASSES BY  
FERMENTATION OF YEAST**

**A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS) IN  
PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF**

**BACHELOR OF SCIENCE  
IN  
CHEMISTRY**

**By  
G. DIVYA  
(A20CHE45)**

Under the Guidance of

**Dr. C. ADAIKALARAJ, M.Sc., M.Phil., Ph.D.,**  
PG & Research Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
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**APRIL 2023**

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## CERTIFICATE

THIS is to certify that this Project report entitled, "**PREPARATION OF ETHANOL FROM MOLASSES BY FERMENTATION OF YEAST**" is a bonafide record of work done by G.DIVYA(A20CHE45) under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE(AUTONOMOUS), CUDDALORE-1,** Affiliated to **THIRUVALLUVAR UNIVERSITY, VELLORE** in partial fulfillment for the award of the Degree of **BACHELOR OF SCIENCE IN CHEMISTRY.**

*[Signature]*

**Head of the Department**  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
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*[Signature]*  
**Project Guide**

Submitted for the viva-voice Examination held on 27.04.23

### Examiners:

1. *[Signature]*  
27/4/23

2. *[Signature]*  
27/04/23





**E.I.D. Parry (India) Limited**

Nellikuppam, Cuddalore District, Tamil Nadu - 607 105,

Tel : 04142-772231, 772232, Fax: 04142-772242 & 46

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CIN : L24711IN1975JAL0069109, Website : [www.eidparrys.com](http://www.eidparrys.com)

30/01/2023

**CERTIFICATE**

This is to certify that Ms. Divya. G, B.Sc Chemistry, St. Joseph's College of Arts and Science, has done her Project from 07/01/2023 to 11/01/2023 at E.I.D Parry (India) Limited, Nellikuppam.

Her attendance and conduct during this period were found to be good.

We wish her all the best for her future endeavors.

For E.I.D Parry (India) Limited,



A Maria Francis Xavier  
AGM - HR



**murugappa**

**IN VITRO ANTIOXIDANT ACTIVITY ANTIDIABETIC ACTIVITY AND  
ANTI CANCER ACTIVITY OF *ORMOCAPUM COCHINCHINENSE*  
LEAVES**

**A dissertation submitted to  
St. Joseph's College of Arts and Science (Autonomous)  
In partial fulfillment of the requirement for the award of the degree of  
MASTER OF SCIENCE IN BIOCHEMISTRY**

**Submitted by  
Mr. A. AJITH  
Register No. A21MBC01**

**Under the Guidance of  
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PG & Research Department of Biochemistry**



**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

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Recognized US 2(f) & 12 (B) of the UGC Act, 1956)**

**CUDDALORE - 1**

**MAY -2023**



## CERTIFICATE

This is to certify that the Dissertation on "IN VITRO ANTIOXIDANT ACTIVITY ANTI DIABETIC ACTIVITY AND ANTICANCER ACTIVITY OF *ORMOCORPUM COCHINCHINESE* LEAVES" is a bonafide record of project work done by Mr. A. AJITH, Reg. No. A21MBC01 under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Annamalai University, Chidambaram, in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY**.

SIGNATURE OF THE GUIDE

Place: CUDDALORE

Date: 25-05-2023

Examiners:

1. P. Pradeep Kumar

2. T. Manikavasu  
25/5/23

SIGNATURE OF THE H.O.D

**Dr. P. MARJE AROCKIANATHAN**  
Head & Associate Professor  
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St. Joseph's College of Arts & Science (Autonomous)  
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**ASSESSMENT OF BIO CHEMICAL ACTIVITIES AND CHARACTERIZATION  
OF FISH MUCUS ISOLATED FROM *ANGUILLA BENGALENSIS***

A dissertation submitted to

St. Joseph's College of Arts and Science (Autonomous)

In partial fulfillment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN BIOCHEMISTRY**

Submitted by

**Mr. R. AJITHKUMAR,**

**Register No. A21MBC02**

Under the Guidance of

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(Re – accredited by NAAC with “A” Grade;

Recognized U.S 2(f) & 12 (B) of the UGC Act, 1956)

**CUDDALORE – I**

**May - 2023**





## CERTIFICATE

This is to certify that the Dissertation on **ASSESSMENT OF BIO CHEMICAL ACTIVITIES AND CHARACTERIZATION OF FISH MUCUS ISOLATED FROM *ANGUILLA BENGALENSIS*** is a bonafide record of project work done by Mr. R. AJITHKUMAR, Reg. No. A21MBC02 under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Annamalai University, Chidambaram, in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY**.

S. C. [Signature]  
SIGNATURE OF THE GUIDE  
25/5/23

Place: Cuddalore

Date: 25-05-23

Examiners:

1. P. P. [Signature] 25/5/23
2. P. Mai Vasaga 25/5/23

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SIGNATURE OF THE H.O.D

**Dr. P. MARJE AROCKIANATHAN**  
Head & Associate Professor  
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St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

**IN SILICO MOLECULAR DOCKING ANALYSIS OF COLORECTAL CANCER  
PROGNOSTIC MOLECULAR MARKERS OF [COX-2),BRAF, PIK3CA AND  
TRAIL] DOCKED IN PENDULETIN**

**A dissertation submitted to**

**St. Joseph's College of Arts and Science (Autonomous)**

**In partial fulfillment of the requirement for the award of the degree of  
MASTER OF SCIENCE IN BIOCHEMISTRY**

**Submitted By**

**Mr.BALAMURUGAN**

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## CERTIFICATE

This is to certify that the Dissertation on "IN SILICO MOLECULAR DOCKING ANALYSIS OF COLORECTAL CANCER PROGNOSTIC MOLECULAR MARKERS OF [COX-2], BRAF, PIK3CA AND TRAIL] DOCKED IN PENDULETIN" is a bonafide record of protect work done by **Mr.BALAMURUGAN** Reg. No. A21MBC03 under my supervision and submitted to PG & Research Department Of Biochemistry St. Joseph's College of Arts & Science (Autonomous), Cuddalore, Affiliated to annamalai University chidambaram, in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY**.

  
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1. P. Prasad 25/5/23
2. T. Manikumar 25/5/23



**EVALUATION OF ANTIOXIDANT ACTIVITY ANTI-  
INFLAMMATORY ACTIVITY AND ANTICANCER ACTIVITY OF  
DCM EXTRACT OF *ANNONA MURICATA* LEAVES**

A dissertation submitted to  
St. Joseph's college of Arts and Science (Autonomous)  
In partial fulfillment of the requirement for the award of the degree of  
**MASTER OF SCIENCE IN BIOCHEMISTRY**

Submitted by  
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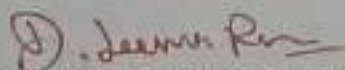
**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY**  
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## CERTIFICATE

This is to certify that the Dissertation on "EVALUATION OF ANTIOXIDANT ACTIVITY ANTI-INFLAMMATORY ACTIVITY AND ANTICANCER ACTIVITY OF DEM EXTRACT OF *ANNONA MURICATA* LEAVES" is a bonafide record of project work done by Ms. R. BHARATHI , Reg. No. A21MBC04 under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY**.



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Place: CUDDALORE

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Dr. P. MARIE AROCKIANATHAN  
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**ANTI-OXIDANT, ANTI-INFLAMMATORY AND ANTI-  
MICROBIAL ACTIVITY ON POMELO PULP EXTRACT  
(CITRUS MAXIMA) – AN IN VITRO APPROACH**

**A dissertation submitted to St. Joseph's College of Arts and Science (Autonomous)  
In partial fulfillment of the requirement for the award of the degree of  
MASTER OF SCIENCE IN BIOCHEMISTRY**

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## CERTIFICATE

This is to certify that the Dissertation on **"ANTI-OXIDANT, ANTI-INFLAMMATORY AND ANTI-MICROBIAL ACTIVITY ON POMELO PULP EXTRACT (CITRUS MAXIMA) - AN IN VITRO APPROACH"** is a bonafide record of project work done by Mr. T. DINESH KUMAR, Reg. No.A21MBC05, under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Annamalai University, Chidambaram, in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN BIOCHEMISTRY**.

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**A COMPARATIVE STUDY ON PROXIMATE AND HEAVY METAL  
COMPOSITION IN COASTAL WATER AND THE MARINE FISHES**

A dissertation submitted to

**St. Joseph's College of Arts and Science (Autonomous)**

In partial fulfillment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN BIOCHEMISTRY**

Submitted by

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This is to certify that the Dissertation on "A COMPARATIVE STUDY ON PROXIMATE AND HEAVY METAL COMPOSITION IN COASTAL WATER AND MARINE FISHES" is a bonafide record of project work done by Ms. R.LAKSHMI, Reg. No. A21MBC06 under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Annamalai University, chidambaram, in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY**.

  
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**Dr. P. MARIE AROCKIANATHAN**  
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**PREPARATION AND CHARACTERIZATION OF COMPOSITE FILM  
CONTAINING SAGO STARCH AND ETHANOLIC EXTRACTS OF  
CADABA FRUTICOSA LEAVES**

A dissertation submitted to

St. Joseph's college of Arts and Science (Autonomous)

In partial fulfillment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN BIOCHEMISTRY**

Submitted by

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## CERTIFICATE

This is to certify that the Dissertation on "PREPARATION AND CHARACTERIZATION OF COMPOSITE FILM CONTAINING SAGO STARCH AND ETHANOLIC EXTRACTS OF CADABA FRUTICOSA LEAVES" is a bonafide record of project work done by Ms. K. MEENA, Reg. No. A21MBC07 under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Annamalai University, Chidambaram, in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY**.

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Cuddalore - 607 001.

Place: Cuddalore

Date: 25.05.2023

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1. P. Pradeep 25/5/23

2. T. Mairasaya 25/5/23



**ANTI-INFLAMMATORY, ANTI-OXIDANT, ANTI-MICROBIAL  
AND ANTI- CANCER ACTIVITY OF GREEN AND BLACK  
CARDAMOM (*ELETTARIA CARDAMOM*, *AMOMUM  
SUBULATUM ROXBURGH*) –AN *IN VITRO* APPROACH**

**A dissertation submitted to St. Joseph's College of Arts and Science (Autonomous)  
In partial fulfillment of the requirement for the award of the degree of  
MASTER OF SCIENCE IN BIOCHEMISTRY**

*Submitted By*

**E.MEYYARASAN**  
**Register No. A21MBC08**

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**CUDDALORE - 1**  
**MAY -2023**





## CERTIFICATE

This is to certify that the Dissertation on "**ANTI-INFLAMMATORY, ANTI-OXIDANT, ANTI-MICROBIAL AND ANTI-CANCER ACTIVITY ON GREEN AND BLACK CARDAMOM (Elettaria cardamom, Amomum subulatum Roxburgh) - An in vitro approach**" is a bonafide record of project work done by Mr. E. MEYYARASAN, Reg. No. A21MBC08, under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Annamalai University, Chidambaram, in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN BIOCHEMISTRY**.

**SIGNATURE OF THE GUIDE**  
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Date: 25.05.2023.

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**Dr. P. MARIE AROCKIANATHAN**  
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St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Examiners:

1. P. Prasad 25/5/23
2. T. Narasaga 25/5/23

**PREPARATION AND CHARACTERIZATION OF COMPOSITE FILM  
CONTAINING CORN STARCH INCORPORATED WITH METHANOLIC  
EXTRACT OF BENINCASA HISPIDA PEEL**

**A dissertation submitted to  
St. Joseph's college of Arts and Science (Autonomous)  
In partial fulfillment of the requirement for the award of the degree of  
MASTER OF SCIENCE IN BIOCHEMISTRY**

Submitted by

**NIVETHA.N**

Register No. A21MBC09

Under the Guidance of

**Mrs. S. SEETHALAKSHMI, M.Sc., M. Phil.,**

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**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(Re – accredited by NAAC with “A” Grade;  
Recognized U/S 2(f) & 12 (B) of the UGC Act, 1956)  
CUDDALORE – 1  
MAY – 2023**



### CERTIFICATE

This is to certify that the Dissertation on "PREPARATION AND CHARACTERIZATION OF COMPOSITE FILM CONTAINING CORN STARCH INCORPORATED WITH METHANOLIC EXTRACT OF BENINCASA HISPIDA PEEL" is a bonafide record of project work done by Ms. N. NIVETHA, Reg. No. A21MBC09 under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Annamalai University, Chidambaram, in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY.**

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SIGNATURE OF THE H.O.D

Place: Cuddalore

Date: 25.5.2023

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2. T. Mani Sasana 25/5/23

**Dr. P. MARIE AROCKIANATHAN**  
Head & Associate Professor  
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# NUTRIENT STUDIES IN UNSPROUTED COTYLEDON OF PALM SEED

A dissertation submitted to  
St. Joseph's College of Arts and Science (Autonomous)  
In partial fulfillment of the requirement for the award of the degree of  
**MASTER OF SCIENCE IN BIOCHEMISTRY**

Submitted by  
**P.PRAVEEN KUMAR**  
Register No. A21MBC10

Under the Guidance of  
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Assistant professor  
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**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY**  
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**CUDDALORE - I**  
**MAY -2023**





## CERTIFICATE

This is to certify that the Dissertation on "NUTRIENT STUDIES IN UNSPROUTED COTYLEDON OF PALM SEED" is a bonafide record of project work done by P.PRAVEEN KUMAR, REG NO: A21MBC10 under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Annamalai University, Chidambaram, in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY**.

  
SIGNATURE OF THE GUIDE

Place: Cuddalore

Date: 25.05.2023

Examiners:

1. P. Praveen Kumar 25/5/23
2. T. Ma. Saraga 25/5/23

  
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**Dr. P. MARIE AROCKIANATHAN**  
Head & Associate Professor  
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Cuddalore - 607 001.

**PREPARATION, CHARACTERISATION AND EVALUATION OF CHITOSAN-  
GELATIN- ZINC OXIDE NANOPARTICLES FLIMS LOADED WITH *NIGELLA  
SATIVA* EXTRACT"**

A dissertation submitted to

**St. Joseph's College of Arts and Science (Autonomous)**

In partial fulfillment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN BIOCHEMISTRY**

Submitted by

**Ms. L. PRIYA**

**Register No. A21MBC11**

Under the Guidance of

**Mr. A. LAWRENCE M.Sc., M. Phil.**

**Head, PG & Research Department of Biochemistry**



**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY**

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**CUDDALORE - 1**

**MAY -2023**



## CERTIFICATE

This is to certify that the Dissertation on "PREPARATION, CHARACTERISATION AND EVALUATION OF CHITOSAN-GELATIN- ZINC OXIDE NANOPARTICLES FLIMS LOADED WITH *NIGELLA SATIVA* EXTRACT" is a bonafide record of project work done by Ms. L. PRIYA, Reg. No. A21MBC11 under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Annamalai university, Chidambaram in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY**.

SIGNATURE OF THE GUIDE

SIGNATURE OF THE H.O.D

**Dr. P. MARIE AROCKIANATHAN**  
Head & Associate Professor  
PG & Research Dept. of Biochemistry  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Place: CUDDALORE

Date: 25.05.2023

Examiners:

1. P. Arun 25/5/23
2. T. Ma. Vasiga 25/5/23



**PREPARATION , CHARACTERIZATION AND EVALUATION OF COCCULUS  
HIRSUTUS MUCILAGE CHITOSAN NANOPARTICLE WITH ANNONA  
MURICATA FOR ANTICANCER ACTIVITY**

A dissertation submitted to

**St. Joseph's College of Arts and Science (Autonomous)**

**In partial fulfillment of the requirement for the award of the degree of  
MASTER OF SCIENCE IN BIOCHEMISTRY**

Submitted by

**Mrs. R.T.RAJARAJESWARI**

**Register No. A21MBC12**

Under the Guidance of

**Dr. P. MARIE AROCKIANATHAN, M.Sc., M. Phil., Ph.D., PGDHRM**

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**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE - I**

**MAY- 2023**





## CERTIFICATE

This is to certify that the Dissertation on "PREPARATION , CHARACTERIZATION AND EVALUATION OF COCCULUS HIRSUTUS MUCILAGE CHITOSAN NANOPARTICLE WITH ANNONA MURICATA FOR ANTICANCER ACTIVITY" is a bonafide record of project work done by Ms. R.T.RAJARAJESWARI, Reg. No. A21MBC12 under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Annamalai University, in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY**.

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Place: CUDDALORE

Date: 25-5-2023

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1. P. Parf 25/5/23

2. T. Narasaga 25/5/23

SIGNATURE OF THE H.O.D

**Dr. P. MARIE AROCKIANATHAN**  
Head & Associate Professor  
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**A COMPARATIVE STUDY ON CHARACTERIZATION AND BIOLOGICAL  
ACTIVITIES OF COLLAGEN EXTRACTED FROM BONE AND SCALES  
OF NILE TILAPIA (*OREOCHROMIS NILOTICUS*)**

A dissertation submitted to

St. Joseph's College of Arts and Science (Autonomous)

In partial fulfillment of the requirement for the award of the degree of  
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**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY**

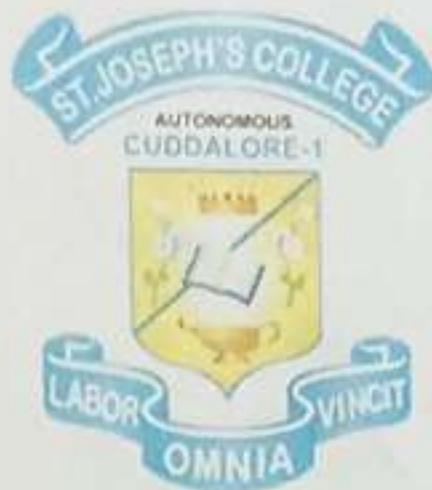
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

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**CUDDALORE - 1**

**MAY-2023**



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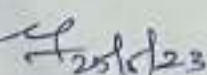
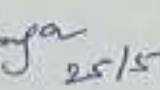
This is to certify that the Dissertation on "A COMPARATIVE STUDY ON CHARACTERIZATION AND BIOLOGICAL STUDIES OF COLLAGEN EXTRACTED FROM BONE AND SCALES OF FISH NILE TILAPIA (*OREOCHROMIS NILOTICUS*)" is a bonafide record of project work done by Ms. S. REVATHI, Reg. No. A21MBC14 under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Annamalai University, Chidambaram, in partial fulfillment for the award of the Degree of MASTER OF SCIENCE IN BIOCHEMISTRY.

  
SIGNATURE OF THE H.O.D.  
25/5/23

Place: CUDDALORE

Date: 25/5/2023

Examiners:

1. P. R.  25/5/23
2. T. M.  25/5/23

  
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**Dr. P. MARJE AROCKIANATHAN**  
Head & Associate Professor  
PG & Research Dept. of Biochemistry  
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**PREPARATION, CHARACTERIZATION AND EVALUATION OF  
*PEDALIUM MUREX* MUCILAGE CHITOSAN NANOPARTICLES  
WITH *ANNONA MURICATA* EXTRACT FOR ANTI-CANCER  
ACTIVITY**

A dissertation submitted to  
St. Joseph's college of Arts and Science (Autonomous)  
In partial fulfilment of the requirement for the award of the degree of  
**MASTER OF SCIENCE IN BIOCHEMISTRY**

Submitted by  
**Ms. S. SANTHIYA DEVI**  
**Register No. A21MBC15**

Under the Guidance of  
**Mrs. D. LEEMA ROSE MARY M.Sc., M. Phil.,**  
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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**CUDDALORE – 1**  
**MAY – 2023**





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This is to certify that the Dissertation on **"PREPARATION, CHARACTERIZATION AND EVALUATION OF *PEDALIUM MUREX* MUCILAGE CHITOSAN NANOPARTICLES WITH *ANNONA MURICATA* EXTRACT FOR ANTI-CANCER ACTIVITY"** is a bonafide record of project work done by Ms. S. SANTHIYA DEVI, Reg. No. A21MBC15 under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Annamalai University, Chidambaram, in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY**.

SIGNATURE OF THE GUIDE

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**Dr. P. MARIE AROCKIANATHAN**  
Head & Associate Professor  
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Cuddalore - 607 001.

Place: Cuddalore

Date: 25.5.23.

Examiners:

P. Prasad 25/5/23

T. N. Vasagan 25/5/23

**PREPARATION CHARACTERIZATION AND APPLICATION  
OF SAGO STARCH - KERATIN - ZINC OXIDE  
NANOPARTICLES FILMS LOADED WITH NIGELLA SATIVA  
EXTRACT**

**A dissertation submitted to  
St. Joseph's college of Arts and Science (Autonomous)  
In partial fulfillment of the requirement for the award of the degree of  
MASTER OF SCIENCE IN BIOCHEMISTRY**

**Submitted by**

**Mr. S.SATHISH KUMAR  
Register No. A21MBC16**

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**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(AFFILIATED TO ANNAMALAI UNIVERSITY)**

**CUDDALORE -1**

**MAY - 2023**



## CERTIFICATE

This is to certify that the Dissertation on "PREPARATION CHARACTERIZATION AND APPLICATION OF SAGO STARCH - KERATIN - ZINC OXIDE NANO PARTICLES FILMS LOADED WITH NIGELLA SATIVA EXTRACT" is a bonafide record of project work done by Mr. S. SATHISH KUMAR, Reg. No. A21MBC16 under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Annamalai University, Chidambaram, in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY**.

SIGNATURE OF THE GUIDE

SIGNATURE OF THE H.O.D

Place: CUDDALORE

Date: 25 05 2023

Examiners:

1. P. Pradeep 25/5/23

2. P. N. Vasoya 25/5/23

**Dr. P. MARIE AROCKIANATHAN**  
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Cuddalore - 607 001.



**AN ASSESSMENT OF PROXIMATE AND HEAVY METAL COMPOSITION  
IN COASTAL WATER AND CRUSTACEANS**

A dissertation submitted to  
St. Joseph's College of Arts and Science (Autonomous)  
In partial fulfillment of the requirement for the award of the degree of  
**MASTER OF SCIENCE IN BIOCHEMISTRY**

Submitted by  
**Ms. M. SELVI**  
**Register No. A21MBC17**

Under the Guidance of  
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Assistant professor,  
PG & Research Department of Biochemistry



**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE – 1**

**MAY -2023**





## CERTIFICATE

This is to certify that the Dissertation on "AN ASSESSMENT OF PROXIMATE AND HEAVY METAL COMPOSITION IN COASTAL WATER AND CRUSTACEANS" is a bonafide record of project work done by Ms. M. SELVI, Reg. No. A21MBC17 under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Annamalai University, Chidambaram, in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY**.

*R. Anitha*

SIGNATURE OF THE GUIDE

*[Signature]*

SIGNATURE OF THE H.O.D

Place: CUDDALORE

Date: 25.05.2023

Examiners;

1. *T. Prasad*  
25/5/23

2. *T. Manikanya*  
25/5/23

**Dr. P. MARIE AROCKIANATHAN**  
Head & Associate Professor  
PG & Research Dept. of Biochemistry  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

**PREPARATION AND CHARACTERIZATION OF KERATIN EXTRACTED  
FROM BROILER CHICKEN FEATHER, TURKEY FEATHER AND HUMAN  
HAIR**

A dissertation submitted to

St. Joseph's College of Arts and Science (Autonomous)

In partial fulfillment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN BIOCHEMISTRY**

Submitted by

**Mr. A. SENTHAMIZHSELVAN,**

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Under the Guidance of

**Mr. A. LAWRENCE, M.Sc., M. Phil.,**

Assistant professor

PG & Research Department of Biochemistry



**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY**

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

(AFFILIATED TO ANNAMALAI UNIVERSITY)

CUDDALORE - 1

May - 2023





**PREPARATION, CHARACTERIZATION AND EVALUATION OF  
CHITOSAN - *COCCULUS HIRSUTUS* MUCILAGE - ZINC OXIDE  
NANOPARTICLES FILMS LOADED WITH *ANNONA MURICATA*  
EXTRACT**

**A dissertation submitted to  
St. Joseph's College of Arts and Science (Autonomous)  
In partial fulfillment of the requirement for the award of the degree of  
MASTER OF SCIENCE IN BIOCHEMISTRY**

**Submitted by  
Ms. B. SHALINI  
Register No. A21MBC19**

**Under the Guidance of  
Dr. P. MARIE AROCKIANATHAN, M.Sc., M. Phil., Ph.D., PGDHRM  
Head, PG & Research Department of Biochemistry**



**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(AFFILIATED TO ANNAMALAI UNIVERSITY)  
CUDDALORE - 1  
MAY - 2023**





## CERTIFICATE

This is to certify that the Dissertation on **"PREPARATION CHARACTERIZATION AND EVALUATION OF CHITOSAN - COCCULUS HIRSUTUS MUCILAGE - ZINC OXIDE NANOPARTICLES FILMS LOADED WITH ANNONA MURICATA EXTRACT"** is a bonafide record of project work done by Ms. B. SHALINI, Reg. No. A21MBC19 under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Annamalai University, Chidambaram, in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY**.

SIGNATURE OF THE GUIDE

SIGNATURE OF THE H.O.D

**Dr. P. MARIE AROCKIANATHAN**  
Head & Associate Professor  
PG & Research Dept. of Biochemistry  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Place: CUDDALORE

Date: 25.05.2023

Examiners:

1. P. Prasad 25/5/23
2. T. N. Vasoya 25/5/23

EVALUATION OF THE PHYTOCHEMICAL ANALYSIS AND SYNERGISTIC  
ANTICANCER EFFECTS OF THE MIXTURE OF AQUEOUS EXTRACT FROM  
*GLYCYRRHIZA GLABRA*, *PIPER LONGUM* LINN, *PLUMBAGO ZEYLANICA*  
AND *TERMINALIA ARJUNA* IN THE MCF-7 HUMAN BREAST CANCER CELL  
LINE.

A dissertation submitted to

St. Joseph's College of Arts and Science (Autonomous)

Recognised U/S 2(f)&12(B) of the UGC Act,1956)

In partial fulfillment of the requirement for the award of the degree of  
MASTER OF SCIENCE IN BIOCHEMISTRY

Submitted By

Mr.S.TAMIZHARASAN

Reg. No.A21MBC20

Under the Guidance of

Dr. S. SILVAN , M.Sc., MPhil,Ph.D,



PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE  
MAY- 2023



Mr.S.TAMIZHARASAN

Reg. No. A21MBC20

St. Joseph's college of Arts & Science (Autonomous),  
Cuddalore - 607 001.

## CERTIFICATE

This is to certify that the Dissertation on "EVALUATION OF THE PHYTOCHEMICAL ANALYSIS AND SYNERGISTIC ANTICANCER EFFECTS OF THE MIXTURE OF AQUEOUS EXTRACT FROM GLYCYRRHIZA GLABRA, PIPER LONGUM LINN, PLUMBAGO ZEYLANICA AND TERMINALIA ARJUNAIN THE MCF-7 HUMAN BREAST CANCER CELL LINE" is a bonafide record of protect work done by Mr.S.TAMIZHARASAN Reg. No. A21MBC20 under my supervision and submitted to PG & Research Department Of Biochemistry St. Joseph's College of Arts & Science (Autonomous), Cuddalore, Affiliated to annamalai University, chidambaram, in partial fulfillment for the award of the Degree of MASTER OF SCIENCE IN BIOCHEMISTRY.

  
Dr. P. MARIE AROCKIANATHAN  
Head of the Department  
Associate Professor  
PG & Research Dept. of Biochemistry  
St. Joseph's College of Arts & Science (Autonomous)  
Place: Cuddalore Cuddalore - 607 001.

  
Signature of the Guide

Date: 25-05-23

Examiners:

1. P. Prof. 25/5/23
2. T. Narasayan 25/5/23



**BIOLOGICAL ACTIVITIES OF ETHANALIC SEED EXTRACT OF ZIZIPHUS  
MAURITIANA**

**A dissertation submitted to**

**St. Joseph's College of Arts and Science (Autonomous)**

**In partial fulfillment of the requirement for the award of the degree of  
MASTER OF SCIENCE IN BIOCHEMISTRY**

**Submitted by**

**Mr. V. VELAN**

**Register No. A21MBC21**

**Under the Guidance of**

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**PG & Research Department of Biochemistry**



**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

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This is to certify that the Dissertation on "BIOLOGICAL ACTIVITIES OF ETHANALIC EXTRACT OF ZIZIPHUS MAURITIANA" is a bonafide record of project work done by Mr. V.VELAN, Reg. No. A21MBC21 under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Annamalai University, Chidambaram, in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY**.

*J. J. J.*

SIGNATURE OF THE GUIDE

*Dr. P. Marie Arockianathan*

SIGNATURE OF THE H.O.D

Place: CUDDALORE

Date: 25.05.2023

Examiners:

1. P. P. 25/5/23
2. T. N. 25/5/23

**Dr. P. MARIE AROCKIANATHAN**  
Head & Associate Professor  
PG & Research Dept. of Biochemistry  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

**COMPARATIVE STUDY ON *IN-VITRO* ANTIOXIDANT ACTIVITY,  
ANTIINFLAMMATORY ACTIVITY, ANTIMICROBIAL ACTIVITY,  
ANTISOLAR ACTIVITY AND PHYTOCHEMICAL STUDIES  
IN THREE DIFFERENT COLOR FLOWERS OF  
*HIBISCUS ROSASINENSIS.L***

**A dissertation submitted to St. Joseph's College of Arts and Science (Autonomous)  
In partial fulfillment of the requirement for the award of the degree of  
MASTER OF SCIENCE IN BIOCHEMISTRY**

*Submitted By*

**P. VINITH KUMAR**  
Register No. A21MBC22

*Under the Guidance of*

**Dr. R. RAMAKRISHNAN, Ph.D.**  
Assistant Professor  
PG & Research Department of Biochemistry



**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
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This is to certify that the Dissertation on "**COMPARATIVE STUDY ON IN-VITRO ANTIOXIDANT ACTIVITY, ANTIINFLAMMATORYACTIVITY, ANTIMICROBIAL ACTIVITY, ANTISOLAR ACTIVITY AND PHYTOCHEMICAL STUDIES IN THREE DIFFERENT COLOR FLOWERS OF HIBISCUS ROSASINENSIS.L**" is a bonafide record of project work done by Mr. P. VINITH KUMAR, Reg. No.A21MBC22, under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Annamalai University, Chidambaram, in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN BIOCHEMISTRY**.

  
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SIGNATURE OF THE H.O.D

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Date: 25-05-2023

Dr. P. MARIE AROCKIANATHAN  
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Examiners:

1. P. Praveen 25/5/23
2. T. N. Vasoya 25/5/23

**INSILICO ANALYSIS OF XANTHONE IN UPREGULATED GENES OF OBESITY**

A dissertation submitted to  
St. Joseph's College of Arts and Science (Autonomous)  
In partial fulfillment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN BIOCHEMISTRY**

Submitted By

**Mr.M.VISHNUVARTHAN**  
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Under the Guidance of  
Dr. N.PRIYA M.SC,M.Phil,ph.D.,

**PG & Research Department of Biochemistry**



**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

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
**MAY – 2023**





### CERTIFICATE

This is to certify that the Dissertation "INSILICO ANALYSIS OF XANTHONE IN UPREGULATED GENES OF OBESITY" is a bonafide record of project work done by **Mr.M.VISHNUVARTHAN, Reg. No.A21MBC23** under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated Annamalai University, Chidambaram, in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY**.

  
Signature of the Guide

  
Head of the Department

**Dr. P. MARJE AROCKIANATHAN**  
Head & Associate Professor  
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Date: *25/05/23*

Examiners:

1. *P. Pragasam*  
*25/5/23*
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*25/5/23*

**PREPARATION, CHARACTERIZATION AND APPLICATION OF SAGO  
STARCH - KERATIN - ZINC OXIDE NANOPARTICLE FILMS LOADED WITH  
*ANNONAN MURICATA* EXTRACT**

A dissertation submitted to  
St. Joseph's college of Arts and Science (Autonomous)  
In partial fulfillment of the requirement for the award of the degree of  
**MASTER OF SCIENCE IN BIOCHEMISTRY**

Submitted by

**Mr. A. ARAVINDH RAJ**  
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**CUDDALORE – 1**

**MAY - 2023**



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This is to certify that the Dissertation on **"PREPARATION ,CHARACTERIZATION AND APPLICATION OF SAGO STARCH - KERATIN , ZINC OXIDE NANOPARTICALE FILMS LOADED WITH ANNONA MURICATA EXTRACT "** is a bonafide record of project work done by Mr,A. ARAVINDH RAJ. Reg. No. A21MBC24 under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Annamalai University, Chithambaram, in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY.**

SIGNATURE OF THE GUIDE

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**Dr. P. MARIE AROCKIANATHAN**  
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Place: *Cuddalore-1*

Date: *25/5/2023*

Examiners:

1. *P. P. ... 25/5/23*

2. *T. Mac ... 25/5/23*



# **SMOLECULAR DOCKING STUDIES OF LIMONENE IN DIABETIC GENES**

**A dissertation submitted to  
St. Joseph's College of Arts and Science (Autonomous)  
In partial fulfillment of the requirement for the award of the degree of**

## **MASTER OF SCIENCE IN BIOCHEMISTRY**

**Submitted By**

**Mr. S.BARANIDHARAN  
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**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY  
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CUDDALORE – 1  
MAY – 2023**





**PREPARATION AND IDENTIFICATION OF BIOLOGICAL COMPOUNDS OF  
SYZYGIUM JAMBOS LEAF AND STEM EXTRACT**

A dissertation submitted to

**St. Joseph's College of Arts and Science (Autonomous)**

In partial fulfillment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN BIOCHEMISTRY**

Submitted by

**K.GOWTHAM**

**Register No. A21MBC26**

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**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY**

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**CUDDALORE – 1**

**MAY -2023**



## CERTIFICATE

This is to certify that the Dissertation on **PREPARATION AND IDENTIFICATION OF BIOLOGICAL COMPOUNDS OF SYZYGIUM JAMBOS LEAF AND STEM EXTRACT** is a bonafide record of project work done by Mr.K.GOWTHAM, Reg. No. A21MBC26 under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Annamalai University, Chidambaram, in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY**

  
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SIGNATURE OF THE H.O.D

Place: Cuddalore

**Dr. P. MARIE AROCKIANATHAN**  
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Cuddalore - 607 001.

Date: 25-05-2023

Examiners:

1. P. Prasad 28/5/23
2. T. Maivasa 25/5/23

***IN VITRO* EVALUATION OF PHYTOCHEMICAL AND ANTIMICROBIAL  
ACTIVITIES OF AQUEOUS EXTRACTS OF *Boerhavia diffusa***

**A dissertation submitted to**

**St. Joseph's college of Arts and Science (Autonomous)**

**In partial fulfillment of the requirement for the award of the degree  
of **BACHELOR OF SCIENCE IN BIOCHEMISTRY****

Submitted by

**Mr. M. UDHYAKUMAR (A20BCD15)**

**MR. S. VASEEGARAN (A20BCD16)**

**Mr. M. NIRMAL RAJ (A20BCD42)**

Under the Guidance of

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**Assistant Professor.**

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**PG & RESEARCH DEPARTMENT OF  
BIOCHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(Re – accredited by NAAC with “A” Grade; Recognized U\ S 2(f) & 12  
(B) of the UGC Act, 1956) CUDDALORE – 1**



APRIL-2023



## CERTIFICATE

This is to certify that the Dissertation on ***“IN VITRO EVALUATION OF PHYTOCHEMICAL AND ANTIMICROBIAL ACTIVITIES OF AQUEOUS EXTRACTS OF *Boerhavia diffusa**** is a bonafide record of project work done by


<b>Mr. M. UDHYAKUMAR</b>	<b>(A20BCD15)</b>
<b>MR. S. VASEEGARAN</b>	<b>(A20BCD16)</b>
<b>Mr. M. NIRMAL RAJ</b>	<b>(A20BCD42)</b>

under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the Degree of **BACHELOR OF SCIENCE IN BIOCHEMISTRY.**

**Signature of the Guide**

Place: Cuddalore

Date: 29-04-2023

  
Signature of the HOD

**Dr. P. MARIE AROCKIANATHAN**  
Head & Associate Professor  
PG & Research Dept. of Biochemistry  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Examiners:



**ASSESSMENT OF NUTRITIVE CONTENT SUPPLIED TO THE CHILDRENS OF  
ANGANWADI'S IN CUDDALORE AND KALLKURICHI DISTRICT**

**A SURVEY QUESTIONNAIRE**

**A dissertation submitted to St. Joseph's College of Arts and Science (Autonomous) in partial  
fulfilment of the requirement for the award of the degree of  
BACHELOR OF SCIENCE IN BIOCHEMISTRY**

Submitted By

**D.ANTONY JOY (A20BCD20)**

**R.SIVA (A20BCD37)**

Under the Guidance of

**Dr.N.PRIYA, M.SC.,M.Phil.,Ph.D.,**

**PG & Research Department of Biochemistry**



**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**( A Christian Minority Institution, Recognised u/s 2(f)& 12 (B) of the UGC Act, 1956)**

**CUDDALORE – 1**

**MAY - 2023**



## CERTIFICATE

This is to certify that the project entitled on "ASSESSMENT OF NUTRITIVE CONTENT SUPPLIED TO THE CHILDRENS OF ANGANWADI'S IN CUDDALORE AND KALLKURICHI DISTRICT -A SURVEY QUESTIONNAIRE," being submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore.

By

D.ANTONY JOY (A20BCD20)

R.SIVA (A20BCD37)

This is a bonafide record of work carried out under my guidance and supervision

Signature of the Guide

Head of the Department

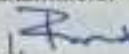

**Dr. P. MARIE AROCKIANATHAN**  
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Cuddalore - 607 001.

Submitted for viva voce examination on 04.05.2023.

Place: Cuddalore-1.

Date: 04.05.2023.

Examiners:

1.  4/5/23  
2.  04/05/23

**SAMPLING PLASTICS IN BEACH SEDIMENTS AND ANALYSIS USING FTIR  
SPECTROSCOPY**

**CUDDALORE DISTRICT.**

**A dissertation submitted to**

**St. Joseph's College of Arts and Science (Autonomous)**

**In partial fulfillment of the requirement for the award of the degree of  
BACHELOR OF SCIENCE IN BIOCHEMISTRY**

**Submitted By**

**R. BHARATHI RAJ A20BCD41**

**S. KABILAN A20BCD25**

**K.DHANABAL A20BCD26**

**S. DHINAKARAN A20BCD27**

**Under the Guidance of**

**Ms. R. ANITHA, M.Sc., M. Phil., B.ED.,**

**PG & Research Department of Biochemistry**



**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(Re- accredited by NAAC with "A" Grade)**

**CUDDALORE**

**APRIL -2023**





## CERTIFICATE

This is to certify that the project entitled on **"Sampling plastics in beach sediments and analysis using FTIR spectroscopy"** being submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore.

By

R. BHARATHRAJ A20BCD41

S. KABILAN A20BCD25

K. DHANABAL A20BCD26

S. DHINAKARAN A20BCD27

is a bonafide record of work carried out by them under my guidance and supervision.

*R. Uthappa*  
Signature of the Guide

*[Signature]*  
Head of the Department

Submitted for viva voce examination on 04/05/23

Place: Cuddalore-1.

Date: 04/05/23

**Dr. P. MARIE AROCKIANATHAN**  
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St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Examiners:

1. *[Signature]*  
4/5/23  
2. *R. Uthappa*

# **SURVEY ON VARIABLE EFFECTS OF PATIENTS WITH VARIOUS UNDERLYING DISEASE AFTER POST VACCINATION IN & AROUND CUDDALORE**

A mini project Report

submitted for the partial fulfillment for the award of degree of

## **BACHELOR OF BIOCHEMISTRY**

Submitted by

**T.ADHI SHANKAR (A20BCD01)**

**K.BALA (A20BCD02)**

**S.SRIVATSAN (A20BCD13)**

under the guidance of

**Dr. S. Celine Hilda Mary, M.Sc., M.Phil., Ph.D., DMLT., NET,**

Assistant Professor, PG & Research Department of Biochemistry,



**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Thiruvalluvar University, Vellore)

**CUDDALORE - 607001**

**MARCH - 2023**

# **CERTIFICATE**

This is to certify that the Mini Project entitled

## **SURVEY ON VARIABLE EFFECTS OF PATIENTS WITH VARIOUS UNDERLYING DISEASE AFTER POST VACCINATION IN & AROUND CUDDALORE**

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by

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**K.BALA (A20BCD02)**

**S.SRIVATSAN (A20BCD13)**

for the partial fulfillment for the award of degree of

## **BACHELOR OF BIOCHEMISTRY**

is a bonafide record of work carried out by them,

under my guidance and supervision.

**INTERNAL GUIDE**

**HEAD OF THE DEPARTMENT**

Submitted for the viva-voce examination held on 4.5.2023

**Examiners:**

1. 

2. \_\_\_\_\_

**ANTI - INFLAMMATORY AND ANTI - MICROBIAL  
ACTIVITY OF POMELO PEEL EXTRACT (*CITRUS  
MAXIMA*) -AN INVITRO  
APPROACH**

A mini project Report

submitted for the partial fulfillment for the award of degree of

**BACHELOR OF BIOCHEMISTRY**

Submitted by

**R. PAZHANI (A20BCD09)**

**P. KAVIYARASAN( A20BCD39)**

Under the guidance of

**Dr. K. SHAGIRTHA, M.Sc., M.Phil., Ph.D.,**

Assistant Professor, PG and Research Department of Biochemistry,



**PG& RESEARCH DEPARTMENT OF BIOCHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
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**CUD DALORE - 607001**

**MAY- 2023**



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**ANTI - INFLAMMATORY AND ANTI - MICROBIAL  
ACTIVITY OF POMELO PEEL EXTRACT (*CITRUS  
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A mini project Report

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By

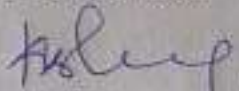
**R. PAZHANI( A20BCD09)**

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for the partial fulfillment for the award of degree of

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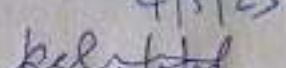
is a bonafide record of work carried out by them, under  
my guidance and supervision.

  
INTERNAL GUIDE

  
HEAD OF THE DEPARTMENT  
**Dr. P. MARIE AROCKIANATHAN**  
Head & Associate Professor  
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St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001

Submitted for the viva-voce examination held on 04/5/23

Examiners:

1.   
4/5/23
2.   
4/5/23

**Analysis of bioactive chemical compounds of *Nigella sativa* using gas-  
chromotography mass spectrometry**

**A dissertation submitted to St. Joseph's College of Arts and Science  
(Autonomous) in partial fulfilment of the requirement for the award of the  
degree of**

**BACHELOR OF SCIENCE IN BIOCHEMISTRY**

**Submitted By**

**R.PRAKASH A20BCD10**

**M.SASIVINU A20BCD11**

**K.SHANMUGAPRIYAN A20BCD12**

**V.NITHISHWARAN A20BCD23**

**Under the Guidance of**

**Mr. A. LAWRENCE M.Sc., M. Phil.,  
PG & Research Department of Biochemistry**



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ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
( A Christian Minority Institution, Recognised u/s 2(f) & 12 (B) of the UGC Act, 1956)**

**CUDDALORE – 1**

**MAY - 2023**

**PHYSICOCHEMICAL PROPERTIES OF DIFFERENT FLORAL  
ORIGINS OF HONEY COLLECTED FROM CUDDALORE  
DISTRICT, TAMILNADU**

A dissertation submitted to  
St. Joseph's College of Arts and Science (Autonomous)  
In partial fulfillment of the requirement for the award of the degree of  
**BACHELOR OF SCIENCE IN BIOCHEMISTRY**

Submitted By

A.ARUN KUMAR A20BCD24

S.SAIKUMAR A20BCD18

M.JAGADISHWARAN A20BCD19

E.KAVINASH A20BCD36

Under the Guidance of

Mrs. S.SEETHALAKSHMI M.Sc., M. Phil.,  
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PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

(Re- accredited by NACC with "A" Grade)

CUDDALORE - I

MAY -2023





## CERTIFICATE

This is to certify that the project entitled on "PHYSICOCHEMICAL PROPERTIES OF DIFFERENT FLORAL ORIGINS OF HONEY COLLECTED FROM CUDDALORE DISTRICT, TAMILNADU" being submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore.

By

A.ARUN KUMAR A20BCD24

S.SAIKUMAR A20BCD18

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is a bonafied record of work carried out by them under my guidance and supervision.

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Head & Associate Professor  
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Cuddalore - 607 001.

*P. Leetha*  
11/5/23  
Signature of the Guide

*[Signature]*  
Head of the Department

Submitted for viva voce examination on 04.05.2023

Place: Cuddalore-1.

Date: 04.05.2023

Examiners:

- [Signature]*  
4/5/23
- P. Leetha*  
11/5/23



**EVALUATION OF PHYTOCHEMICAL SCREENING AND  
ANTIMICROBIAL ACTIVITY OF THE MIXTURE OF AQUEOUS EXTRACT OF  
*ENICOSTEMMA LITTORALE* BLUME AND *NYMPHAEA NOUCHALI***

**A dissertation submitted to  
In partial fulfillment of the requirement for the award of the degree of  
BACHELOR OF SCIENCE IN BIOCHEMISTRY**

**Submitted By**

<b>VIJAY V</b>	<b>A20BCD28</b>
<b>DINESH P</b>	<b>A20BCD29</b>
<b>SIRAJUDEEN T</b>	<b>A20BCD34</b>

**Under the Guidance of  
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**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY  
St. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(A Christian Minority Institution, Recognised u/s 2(f) & 12 (B) of the UGC Act, 1956)  
(Affiliated to Thiruvalluvar University)**

**CUDDALORE**

**MAY- 2023**

**SURVEY AND FIELD STUDY ON USAGE AND BENEFITS OF TRADITIONAL  
CYPERUS ROTUNDUS GRASS MAT**

**A dissertation submitted to St. Joseph's College of Arts and Science (Autonomous) in partial  
fulfilment of the requirement for the award of the degree of**

**BACHELOR OF SCIENCE IN BIOCHEMISTRY**

**Submitted By**

**R. RAVIKUMAR A20BCD32**

**K. THANUSH A20BCD33**

**S. NAVEEN CHANDAR A20BCD35**

**Under the Guidance of**

**Dr. R. RAMAKRISHNAN M.Sc., M.Phil., Ph.D.,**

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**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(Re- accredited by NACC with "A" Grade)**

**CUDDALORE - 1**

**MAY - 2023**



### CERTIFICATE

This is to certify that the project entitled on "Survey and Field Study on Usage and Benefits Of Traditional *Cyperus rotundus* Grass Mat" being submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore. This is a bonafide record of work carried out under my guidance and supervision

By

R. RAVIKUMAR A20BCD32

K. THANUSH A20BCD33

S. NAVEEN CHANDAR A20BCD35

  
Signature of the Guide



Head of the Department

Dr. P. MARIE AROCKIANATHAN

Head & Associate Professor

PG & Research Dept. of Biochemistry

St. Joseph's College of Arts & Science (Autonomous)

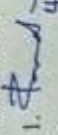
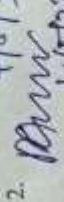
Cuddalore - 607 001.

Submitted for viva voce examination on 04.05.2023

Place: Cuddalore-I.

Date: 04.05.2023

Examiners:

1.  4/5/23
2.  4/5/23





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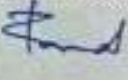
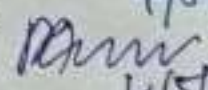
  
Head of the Department  
**Dr. P. MARIE AROCKIANATHAN**  
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PG & Research Dept. of Biochemistry  
St. Joseph's College of Arts & Science (Autonomous)  
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Submitted for viva voce examination on 04.05.2023

Place: Cuddalore-1.

Date: 04.05.2023

Examiners:

1.   
4/5/23
2.   
4/5/23



**IN-VITRO ANTI-INFLAMMATORY ACTIVITY OF MEDICINAL  
PLANTS CINNAMOMUM TAMALA (BAY LEAF), MIMOSA  
PUDICA (THOTTA VADI)**

A dissertation submitted to  
St. Joseph's College of Arts and Science (Autonomous)  
In partial fulfillment of the requirement for the award of the degree of  
**BACHELOR OF SCIENCE IN BIOCHEMISTRY**

Submitted By

**G.DHINESH A20BCD04**

**G.KANNAN A20BCD06**

**A.KING SOLOMON KENNEDY A20BCD07**

**P.VIGNESHWARAN A20BCD40**

Under the Guidance of

**Mrs D. LEEMA ROSE MARY M.Sc., M. Phil.,**

**Assistant Professor**

**PG & Research Department of Biochemistry**



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ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(Re- accredited by NACC with "A" Grade)**

**CUDDALORE - 1**

**APRIL-2023**

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ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(Re- accredited by NACC with "A" Grade)**

**CUDDALORE - 1**

**APRIL-2023**

***IN VITRO* EVALUATION OF PHYTOCHEMICAL AND ANTIMICROBIAL  
ACTIVITIES OF AQUEOUS EXTRACTS OF *Boerhavia diffusa***

**A dissertation submitted to**

**St. Joseph's college of Arts and Science (Autonomous)**

**In partial fulfillment of the requirement for the award of the degree  
of **BACHELOR OF SCIENCE IN BIOCHEMISTRY****

Submitted by

**Mr. M. UDHYAKUMAR (A20BCD15)**

**MR. S. VASEEGARAN (A20BCD16)**

**Mr. M. NIRMAL RAJ (A20BCD42)**

Under the Guidance of

**Mr. J. JOHN ROBERT M.Sc., M. Phil.**

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**PG & Research Department of Biochemistry**



**PG & RESEARCH DEPARTMENT OF  
BIOCHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(Re – accredited by NAAC with “A” Grade; Recognized U\ S 2(f) & 12  
(B) of the UGC Act, 1956) CUDDALORE – 1**

APRIL-2023



## CERTIFICATE

This is to certify that the Dissertation on ***“IN VITRO EVALUATION OF PHYTOCHEMICAL AND ANTIMICROBIAL ACTIVITIES OF AQUEOUS EXTRACTS OF *Boerhavia diffusa**** is a bonafide record of project work done by

<b>Mr. M. UDHYAKUMAR</b>	<b>(A20BCD15)</b>
<b>MR. S. VASEEGARAN</b>	<b>(A20BCD16)</b>
<b>Mr. M. NIRMAL RAJ</b>	<b>(A20BCD42)</b>

under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the Degree of **BACHELOR OF SCIENCE IN BIOCHEMISTRY.**

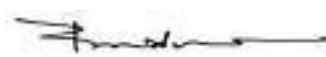
**Signature of the Guide**

Place: Cuddalore

Date: 29-04-2023

  
Signature of the HOD  
**Dr. P. MARIE AROCKIANATHAN**  
Head & Associate Professor  
PG & Research Dept. of Biochemistry  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Examiners:





**ASSESSMENT OF NUTRITIVE CONTENT SUPPLIED TO THE CHILDRENS OF  
ANGANWADI'S IN CUDDALORE AND KALLKURICHI DISTRICT**

**A SURVEY QUESTIONNAIRE**

**A dissertation submitted to St. Joseph's College of Arts and Science (Autonomous) in partial  
fulfilment of the requirement for the award of the degree of  
BACHELOR OF SCIENCE IN BIOCHEMISTRY**

Submitted By

**D.ANTONY JOY (A20BCD20)**

**R.SIVA (A20BCD37)**

Under the Guidance of

**Dr.N.PRIYA, M.SC.,M.Phil.,Ph.D.,**

**PG & Research Department of Biochemistry**



**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**( A Christian Minority Institution, Recognised u/s 2(f) & 12 (B) of the UGC Act, 1956)**

**CUDDALORE – 1**

**MAY - 2023**



## CERTIFICATE

This is to certify that the project entitled on "ASSESSMENT OF NUTRITIVE CONTENT SUPPLIED TO THE CHILDRENS OF ANGANWADI'S IN CUDDALORE AND KALLKURICHI DISTRICT -A SURVEY QUESTIONNAIRE," being submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore.

By

D.ANTONY JOY (A20BCD20)

R.SIVA (A20BCD37)

This is a bonafide record of work carried out under my guidance and supervision

Signature of the Guide

Head of the Department

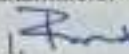

**Dr. P. MARIE AROCKIANATHAN**  
Head & Associate Professor  
PG & Research Dept. of Biochemistry  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Submitted for viva voce examination on 04.05.2023.

Place: Cuddalore-1.

Date: 04.05.2023.

Examiners:

1.  4/5/23  
2.  04/05/23

**SAMPLING PLASTICS IN BEACH SEDIMENTS AND ANALYSIS USING FTIR  
SPECTROSCOPY**

**CUDDALORE DISTRICT.**

**A dissertation submitted to**

**St. Joseph's College of Arts and Science (Autonomous)**

**In partial fulfillment of the requirement for the award of the degree of  
BACHELOR OF SCIENCE IN BIOCHEMISTRY**

**Submitted By**

**R. BHARATHI RAJ A20BCD41**

**S. KABILAN A20BCD25**

**K.DHANABAL A20BCD26**

**S. DHINAKARAN A20BCD27**

**Under the Guidance of**

**Ms. R. ANITHA, M.Sc., M. Phil., B.ED.,**

**PG & Research Department of Biochemistry**



**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(Re- accredited by NAAC with "A" Grade)**

**CUDDALORE**

**APRIL -2023**



## CERTIFICATE

This is to certify that the project entitled on **"Sampling plastics in beach sediments and analysis using FTIR spectroscopy"** being submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore.

By

R. BHARATHRAJ A20BCD41

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is a bonafide record of work carried out by them under my guidance and supervision.

*R. Uthappa*  
Signature of the Guide

*[Signature]*  
Head of the Department

Submitted for viva voce examination on 04/05/23

Place: Cuddalore-1.

Date: 04/05/23

**Dr. P. MARIE AROCKIANATHAN**  
Head & Associate Professor  
PG & Research Dept. of Biochemistry  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Examiners:

1. *[Signature]*  
4/5/23  
2. *R. Uthappa*



# **SURVEY ON VARIABLE EFFECTS OF PATIENTS WITH VARIOUS UNDERLYING DISEASE AFTER POST VACCINATION IN & AROUND CUDDALORE**

A mini project Report

submitted for the partial fulfillment for the award of degree of

## **BACHELOR OF BIOCHEMISTRY**

Submitted by

**T.ADHI SHANKAR (A20BCD01)**

**K.BALA (A20BCD02)**

**S.SRIVATSAN (A20BCD13)**

under the guidance of

**Dr. S. Celine Hilda Mary, M.Sc., M.Phil., Ph.D., DMLT., NET,**

Assistant Professor, PG & Research Department of Biochemistry,



**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Thiruvalluvar University, Vellore)

**CUDDALORE - 607001**

**MARCH - 2023**

# **CERTIFICATE**

This is to certify that the Mini Project entitled

## **SURVEY ON VARIABLE EFFECTS OF PATIENTS WITH VARIOUS UNDERLYING DISEASE AFTER POST VACCINATION IN & AROUND CUDDALORE**

being submitted to the St. Joseph's College of Arts & Science (Autonomous),  
Affiliated to Thiruvalluvar University, Vellore.

by

**T.ADHI SHANKAR (A20BCD01)**

**K.BALA (A20BCD02)**

**S.SRIVATSAN (A20BCD13)**

for the partial fulfillment for the award of degree of

## **BACHELOR OF BIOCHEMISTRY**

is a bonafide record of work carried out by them,

under my guidance and supervision.

**INTERNAL GUIDE**

**HEAD OF THE DEPARTMENT**

Submitted for the viva-voce examination held on 4.5.2023

**Examiners:**

1. 

2. \_\_\_\_\_

**ANTI - INFLAMMATORY AND ANTI - MICROBIAL  
ACTIVITY OF POMELO PEEL EXTRACT (*CITRUS  
MAXIMA*) -AN INVITRO  
APPROACH**

A mini project Report

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**Dr. K. SHAGIRTHA, M.Sc., M.Phil., Ph.D.,**

Assistant Professor, PG and Research Department of Biochemistry,



**PG& RESEARCH DEPARTMENT OF BIOCHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
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**CUDDALORE - 607001**

**MAY- 2023**

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APPROACH**

A mini project Report

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Affiliated to Annamalai University, Chidambaram.

By

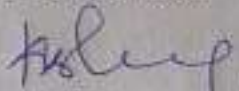
**R. PAZHANI( A20BCD09)**

**P. KAVIYARASAN( A20BCD39)**

for the partial fulfillment for the award of degree of

**BACHELOR OF BIOCHEMISTRY**


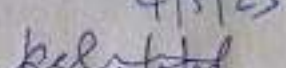
is a bonafide record of work carried out by them, under  
my guidance and supervision.

  
INTERNAL GUIDE

  
HEAD OF THE DEPARTMENT  
**Dr. P. MARIE AROCKIANATHAN**  
Head & Associate Professor  
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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 04/5/23

Examiners:

1.   
4/5/23
2.   
4/5/23



**Analysis of bioactive chemical compounds of *Nigella sativa* using gas-  
chromotography mass spectrometry**

**A dissertation submitted to St. Joseph's College of Arts and Science  
(Autonomous) in partial fulfilment of the requirement for the award of the  
degree of**

**BACHELOR OF SCIENCE IN BIOCHEMISTRY**

**Submitted By**

**R.PRAKASH A20BCD10**

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**K.SHANMUGAPRIYAN A20BCD12**

**V.NITHISHWARAN A20BCD23**

**Under the Guidance of**

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ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
( A Christian Minority Institution, Recognised u/s 2(f) & 12 (B) of the UGC Act, 1956)**

**CUDDALORE – 1**

**MAY - 2023**

**PHYSICOCHEMICAL PROPERTIES OF DIFFERENT FLORAL  
ORIGINS OF HONEY COLLECTED FROM CUDDALORE  
DISTRICT, TAMILNADU**

A dissertation submitted to  
St. Joseph's College of Arts and Science (Autonomous)  
In partial fulfillment of the requirement for the award of the degree of  
**BACHELOR OF SCIENCE IN BIOCHEMISTRY**

Submitted By

A.ARUN KUMAR A20BCD24

S.SAIKUMAR A20BCD18

M.JAGADISHWARAN A20BCD19

E.KAVINASH A20BCD36

Under the Guidance of

Mrs. S.SEETHALAKSHMI M.Sc., M. Phil.,  
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PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

(Re- accredited by NACC with "A" Grade)

CUDDALORE - I

MAY -2023



## CERTIFICATE

This is to certify that the project entitled on "PHYSICOCHEMICAL PROPERTIES OF DIFFERENT FLORAL ORIGINS OF HONEY COLLECTED FROM CUDDALORE DISTRICT, TAMILNADU" being submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore.

By

A.ARUN KUMAR A20BCD24

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Signature of the Guide

*[Signature]*  
Head of the Department

Submitted for viva voce examination on 04.05.2023

Place: Cuddalore-1.

Date: 04.05.2023

Examiners:

1. *[Signature]*  
4/5/23

2. *P. Leetha*  
11/5/23

**EVALUATION OF PHYTOCHEMICAL SCREENING AND  
ANTIMICROBIAL ACTIVITY OF THE MIXTURE OF AQUEOUS EXTRACT OF  
*ENICOSTEMMA LITTORALE* BLUME AND *NYMPHAEA NOUCHALI***

**A dissertation submitted to  
In partial fulfillment of the requirement for the award of the degree of  
BACHELOR OF SCIENCE IN BIOCHEMISTRY**

**Submitted By**

<b>VIJAY V</b>	<b>A20BCD28</b>
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**Under the Guidance of  
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(A Christian Minority Institution, Recognised u/s 2(f) & 12 (B) of the UGC Act, 1956)  
(Affiliated to Thiruvalluvar University)**

**CUDDALORE**

**MAY- 2023**



**SURVEY AND FIELD STUDY ON USAGE AND BENEFITS OF TRADITIONAL  
CYPERUS ROTUNDUS GRASS MAT**

**A dissertation submitted to St. Joseph's College of Arts and Science (Autonomous) in partial  
fulfilment of the requirement for the award of the degree of**

**BACHELOR OF SCIENCE IN BIOCHEMISTRY**

**Submitted By**

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**K. THANUSH A20BCD33**

**S. NAVEEN CHANDAR A20BCD35**

**Under the Guidance of**

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**(Re- accredited by NACC with "A" Grade)**

**CUDDALORE - 1**

**MAY - 2023**



### CERTIFICATE

This is to certify that the project entitled on "Survey and Field Study on Usage and Benefits Of Traditional *Cyperus rotundus* Grass Mat" being submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore. This is a bonafide record of work carried out under my guidance and supervision

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Head of the Department

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Head & Associate Professor

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St. Joseph's College of Arts & Science (Autonomous)

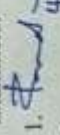
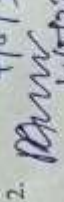
Cuddalore - 607 001.

Submitted for viva voce examination on 04.05.2023

Place: Cuddalore-I.

Date: 04.05.2023

Examiners:

1.  4/5/23
2.  4/5/23



## CERTIFICATE

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By

R. RAVIKUMAR A20BCD32

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Signature of the Guide

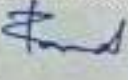
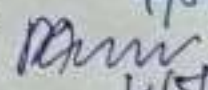
  
Head of the Department  
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Submitted for viva voce examination on 04.05.2023

Place: Cuddalore-1.

Date: 04.05.2023

Examiners:

1.   
4/5/23
2.   
4/5/23

**NUTRITIONAL EXAMINATION AND ANTHROMETRIC MEASUREMENTS OF  
CHILDRENS IN ANGANWADI'S OF CUDDALORE AND PUDUCHERRY**

**A dissertation submitted to**

**St. Joseph's College of Arts and Science (Autonomous)**

**The partial fulfilment for the award of degree of**

**BACHELOR OF SCIENCE IN BIOCHEMISTRY**

**Submitted by**

**B.BALA (A20BCE01)**

**U.DHARANI (A20BCE03)**

**S.GANGADEVI (A20BCE04)**

**S.N.HARINI (A20BCE05)**

**S.JANANI (SA20BCE07)**

**Under the Guidance of**

**Dr. N. PRIYA, M. Sc, M. Phil, Ph.D.,**

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**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**MAY – 2023**





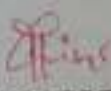
## CERTIFICATE

This is to certify that the project entitled on **NUTRITIONAL EXAMINATION AND ANTHROMETRIC MEASUREMENTS OF CHILDRENS IN ANGANWADI'S OF CUDDALORE AND PUDUCHERRY** being submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Affiliated to Thiruvalluvar University, Vellore.

Submitted By

B.BALA (A20BCE01)  
U.DHARANI (A20BCE03)  
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S.JANANI (A20BCE07)

Is a bonafide record of work carried out by them, under my guidance and supervision.

  
SIGNATURE OF THE GUIDE

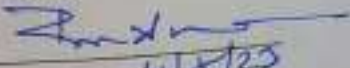

  
HEAD OF THE DEPARTMENT **CKIANATHAN**  
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Submitted for the viva-voce examination held on 04.05.2023

PLACE: CUDDALORE

DATE: 04.05.23

Examiners:

-   
4/5/23
-   
04/05/23

**NUTRIENT STUDY AND PLAN FOR COMMERCIALIZATION OF  
PAAZAA - ASIAN PALMYRA TREE FRUIT JUICE (*BORASSUS  
FLABELLIFER*) COLLECTED IN KURUVINATHAM, PUDUCHERRY**

**A dissertation submitted to St. Joseph's College of Arts and Science (Autonomous) in  
partial fulfilment of the requirement for the award of the degree of**

**BACHELOR OF SCIENCE IN BIOCHEMISTRY**

**Submitted By**

**B.ILAMATHI - A20BCE06**

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**(Re- accredited by NACC with "A" Grade)**

**CUDDALORE - 1**

**MAY - 2023**



## CERTIFICATE

This is to certify that the project entitled on "Nutrient Study And Plan for Commercialization of PAAZAAH - Asian Palmyra Tree Fruit Juice (*Borussus Flabellifer*) collected In Karmvinatham, Puducherry" )" being submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore. This is a bonafide record of work carried out under my guidance and supervision

By

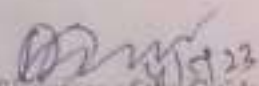
B.ILAMATHI - A20BCE06

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S.MONISHA - A20BCE11

  
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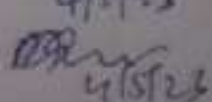
  
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Submitted for viva voce examination on 4/5/2023

Place: Cuddalore-1,

Date: 4/5/2023

Examiners:

1.   
4/5/23  
2.   
4/5/23

**A SURVEY ON THE PREVELANCE OF  
DIABETES MELLITUS IN AND AROUND CUDDALORE**

A mini project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF BIOCHEMISTRY**

Submitted by

**T. NIVETHA VAISHANAVH(A20BCE12)**

**G. PAVITHRA(A20BCE13)**

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**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

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**CUDDALORE- 607001**

**MAY- 2023**



## CERTIFICATE

This is to certify that the Mini Project entitled  
**A SURVEY ON THE PREVELANCE OF DIABETES MELLITUS IN  
AND AROUND CUDDALORE**

A mini project Report  
being submitted to the St. Joseph's College of Arts & Science (Autonomous),  
Affiliated to Annamalai University, Chidambaram.

By

T. NIVETHAVAISHANAVI (A20BCE12)

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R. PRIYANGA (A20BCE14)

E. SANJANA (A20BCE15)

M. VANITHA (A20BCE21)

For the partial fulfillment for the award of degree of  
**BACHELOR OF BIOCHEMISTRY**


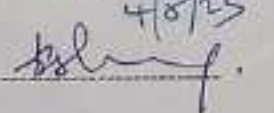
is a bonafide record of work carried out by them, under  
my guidance and supervision.

  
INTERNAL GUIDE

  
HEAD OF THE DEPARTMENT  
**Dr. P. MARIE AROCKIANATHAN**  
Head & Associate Professor  
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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 04/05/23

Examiners:

1.   
4/5/23
2. 

**EVALUATION OF PHYTOCHEMICAL SCREENING AND ANTIMICROBIAL  
ACTIVITY OF THE MIXTURE OF AQUEOUS EXTRACT OF *JUSTICIA ADHATODA* (L.),  
*ACALYPHA INDICA* L., AND *CARDIOSPERMUM HALICACABUM* LINN**

**A dissertation submitted to**

**In partial fulfillment of the requirement for the award of the degree of  
BACHELOR OF SCIENCE IN BIOCHEMISTRY**

**Submitted by**

**SWAPNA L A20BCE16**

**SWETHA B A20BCE17**

**TAMILSELVI H A20BCE19**

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**Under the Guidance of**

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ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

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**CUDDALORE**

**MAY 2023**



## CERTIFICATE

This is to certify that the project entitled on "EVALUATION OF PHYTOCHEMICAL SCREENING AND ANTIMICROBIAL ACTIVITY OF THE MIXTURE OF AQUEOUS EXTRACT OF *JUSTICIA ADHATODA* (L.), *ACALYPHA INDICA* L., AND *CARDIOSPERMUM HALICACABUM* LINN being submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, Affiliated to Thiruvalluvar University, Vellore.

By

SWAPNA L	A20BCE16
SWETHA B	A20BCE17
TAMILSELVI H	A20BCE19
VALLIYAMMAI M	A20BCE20
VINOTHINI M	A20BCE23

is a bonafide record of work carried out by them under my guidance & supervision and submitted to in partial fulfillment for the award of the Degree of Bachelor of Science in Biochemistry.


  
Head of the Department

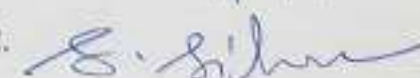
  
Signature of the Guide

Place: Cuddalore

Date: 04/05/2023

Examiners:

1.   
4/5/23

2. 



**COMPARATIVE ANALYSIS OF PHYSIOCHEMICAL PROPERTIES OF HONEY  
FROM NATURAL FLORAL ORIGIN AND BRANDED HONEY IN CUDDALORE  
DISTRICT, TAMILNADU**

A dissertation submitted to

St. Joseph's College of Arts and Science (Autonomous)

In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF SCIENCE IN BIOCHEMISTRY**

Submitted By

K.NISHANTHY A20BCE26

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CUDDALORE – 1

MAY -2023





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This is to certify that the project entitled on "COMPARATIVE ANALYSIS OF PHYSIOCHEMICAL PROPERTIES OF HONEY FROM NATURAL FLORAL ORIGIN AND BRANDED HONEY IN CUDDALORE DISTRICT, TAMILNADU" being submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore.

By

K.NISHANTHY	A20BCE26
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A.SHABANABEGUM	A20BCE39
S.KIRUTHIKA	A20BCE27

is a bonafied record of work carried out by them under my guidance and supervision.

*[Signature]*  
Signature of the Guide

*[Signature]*  
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Head & Associate Professor  
PG & Research Dept. of Biochemistry  
St. Joseph's College of Arts & Science (Autonomous)  
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Head of the Department

Submitted for viva voce examination on 04.05.2023

Place: Cuddalore-1.

Date: 04.05.2023

Examiners:

1. *[Signature]* 4/5/23  
2. *[Signature]* 4/5/23

**SAMPLING PLASTICS IN RIVERS SEDIMENTS AND ANALYSIS  
OF FTIR SPECTROSCOPY**

**A dissertation submitted to**

**St. Joseph's College of Arts and Science (Autonomous)**

**In partial fulfillment of the requirement for the award of the degree of  
BACHELOR OF SCIENCE IN BIOCHEMISTRY**

**Submitted By**

**S.PRIYADHARSHINI A20BCE41**

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**Under the Guidance of**

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(Re- accredited by NAAC with "A" Grad  
CUDDALORE - 01**



## CERTIFICATE

This is to certify that the project entitled on "SAMPLING PLASTICS IN RIVERS SEDIMENTS AND ANALYSIS OF FTIR SPECTROSCOPY" being to submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore

By

S.PRIYADHARSHINI A20BCE41  
S.BHUVANESWARI A20BCE30  
K.VAITHEESWARI A20BCE29  
D.THULASI A20BCE28  
B.SUBATHRA A20BCE32

is a bonafide record of work carried out by them under my guidance and supervision.

*R. Jutha*

Signature of the Guide

*[Signature]*

Head of the Department

Submitted for viva voce examination on 04.05.23

Place: Cuddalore-1.

Date: 04.05.23

Examiners:

1. *[Signature]*  
4/5/23
2. *R. Jutha*

**IN VITRO EVALUATION OF PHYTOCHEMICAL AND ANTIMICROBIAL ACTIVITIES OF  
AQUEOUS EXTRACTS OF CLITORIA TERNATA**

A dissertation submitted to

St. Joseph's college of Arts and Science (Autonomous)

In partial fulfillment of the requirement for the award of the  
degree of **BACHELOR OF SCIENCE IN BIOCHEMISTRY**

Submitted by

Ms. E. DIPSITHA	(A20BCE33)
Ms. G. SNEGA	(A20BCE34)
Ms. S. INDHUMATHI	(A20BCE35)
Ms. P. AARIYAMALA	(A20BCE37)
Ms. S. JAYASAKTHIYA	(A20BCE46)

Under the Guidance of

Mr. J. JOHN ROBERT M.Sc., M. Phil.

Assistant Professor.

PG & Research Department of Biochemistry



**PG & RESEARCH DEPARTMENT OF  
BIOCHEMISTRY**

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

(Re - accredited by NAAC with "A" Grade; Recognized U/S 2(F) &  
12 (B) of the UGC Act, 1956) CUDDALORE - 1

APRIL 2023






## CERTIFICATE

This is to certify that the Dissertation on "*IN VITRO* EVALUATION OF PHYTOCHEMICAL AND ANTIMICROBIAL ACTIVITIES OF AQUEOUS EXTRACTS OF *CLITORIA TERNATEA*" is a bonafide record of project work done

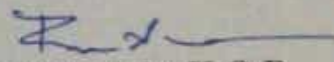
by Ms. E. DIPSITHA	Reg no. A20BCE33
Ms. G. SNEGA	Reg No. A20BCE34
Ms. S. INDHUMATHI	Reg No. A20BCE35
Ms. P. AARIYAMALA	Reg No. A20BCE37
Ms. S. JAYASAKTHIYA	Reg. No. A20BCE46

under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the Degree of **BACHELOR OF SCIENCE IN BIOCHEMISTRY**.

  
Signature of the Guide


Place: Cuddalore

Date: 29-04-2023

  
Signature of the H.O.D

Dr. P. MARJE AROCKIANATHAN  
Associate Professor  
Research Dept. of Biochemistry  
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Cuddalore - 607 001.

Examiners

  
4/5/23

**Phytochemical Screening and GC-MS Analysis of Acetone Leaf  
Extract of *Ocimum basilicum***

**A dissertation submitted to St. Joseph's College of Arts and Science  
(Autonomous) in partial fulfilment of the requirement for the award of the  
degree of**

**BACHELOR OF SCIENCE IN BIOCHEMISTRY**

**Submitted By**

**M. JANJI CORNALIYOUS A20BCE38**

**S. JAGADEESHWARI A20BCE40**

**N. MONISHA A20BCE42**

**P. THIRUKANIMOZHI A20BCE43**

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**Under the Guidance of**

**Mr. A. LAWRENCE M.Sc., M. Phil.,  
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**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(A Christian Minority Institution, Recognised u/s 2(f) & 12 (B) of the UGC Act, 1956)  
CUDDALORE - 1**

**APRIL - 2023**



## CERTIFICATE

This is to certify that the project entitled on "*Phytochemical Screening and GC-MS Analysis of Acetone Leaf Extract of Ocimum basilicum*" being submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore. This is a bonafide record of work carried out under my guidance and supervision

By

JANCI CORNALIYOUS .M A20BCE38

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MONISHA .N A20BCE42

THIRUKANIMOZHI .P A20BCE43

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Signature of the Guide  
4/5/23

  
Head of the Department


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Submitted for viva voce examination on 04/05/2023

Place: Cuddalore-1

Date: 04/05/2023

Examiners

1   
2   
4/5/23



**IN-VITRO ANTI-INFLAMMATORY ACTIVITY OF MEDICINAL  
PLANTS PIPER LONGUM (THIPPLI), ABUTILON INDIGUM  
(THUTHI)**

A dissertation submitted to

St. Joseph's College of Arts and Science (Autonomous)

In partial fulfillment of the requirement for the award of the degree of.

BACHELOR OF SCIENCE IN BIOCHEMISTRY

Submitted By

D.NIVETHA (A20BCE45)

S. ABITHA(A20BCE49)

S. DHARHINI(A20BCE50)

B. JANANI(A20BCE51)

R. MAHALATCHMI (A20BCE57)

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PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY  
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CUDDALORE - I

JUNE - 2022





## CERTIFICATE

This is to certify that the project entitled on "In-Vitro Anti-Inflammatory Activity of Medicinal plant Piper longum (Thippili), Abutilon indicum (Thuthi)" being submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1, Affiliated to Thiruvalluvar University, Vellore.

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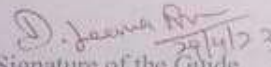
S. ABITHA (A20BCE49)

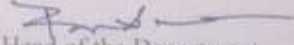
S. DHARHINI (A20BCE50)

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is a bonafied record of work carried out by them under my guidance and supervision.

  
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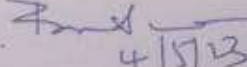
Submitted for viva voce examination on

4.5.2023

Place: Cuddalore-1.

Date: 4.5.2023

Examiners:

1.   
4/5/23

2.

**SURVEY ON HEALTH STATUS OF THE PEOPLE  
AFFECTED BY COVID-19 AND VARIOUS UNDERLYING  
EFFECTS OF POST VACCINATION  
IN AND AROUND CUDDALORE**

A mini project Report

submitted for the partial fulfillment for the award of degree of

**BACHELOR OF BIOCHEMISTRY**

Submitted by

**SERENA ANTUVANETE J (A20BCE58)**

**MAHALAKSHMI R (A20BCE52)**

**VINOTHINI I (A20BCE53)**

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**CUDDALORE - 607001**

**APRIL - 2023**



## CERTIFICATE

This is to certify that the Mini Project entitled

### **SURVEY ON HEALTH STATUS OF THE PEOPLE AFFECTED BY COVID-19 AND VARIOUS UNDERLYING EFFECTS OF POST VACCINATION IN AND AROUND CUDDALORE**

being submitted to the St. Joseph's College of Arts & Science  
(Autonomous),

Affiliated to Thiruvalluvar University, Vellore.

by

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**SANJU ROSHINI R (A20BCE54)**

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**SWETHA M (A20BCE56)**

for the partial fulfillment for the award of degree of

### **BACHELOR OF BIOCHEMISTRY**

is a bonafide record of work carried out by them,

under my guidance and supervision.

**INTERNAL GUIDE**

**Dr. S. CELIN, HILDA MARY, M.Sc, M.Phil, Ph.D, DBZ**

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**STUDENT PROJECT DETAILS (21JPMB42)- 2022-2023**

S.NO	PROGRAM NAME	PROGRAM CODE	REG.NO	NAME OF THE STUDENTS UNDERTAKING PROJECTS	PROJECT TITLE
01	M.Sc.,Applied Microbiology	MMB	A21MMB01	PRASANTH S.T	A study ofAntimicrobial,Antioxidant,Phytochemical analysis and sliver nanoparticles synthesis from <i>Chrysopogon zizanioides</i> plant root extract
02	M.Sc.,Applied Microbiology	MMB	A21MMB02	ABINAYA .V	Studies on synthesis of amoxicillin antibiotic conjugated sliver nanoparticles
03	M.Sc.,Applied Microbiology	MMB	A21MMB03	AKASH .S	Studies on antimicrobial activity ,antioxidant activity and GC-MS analysis of <i>Nigella sativa</i> seeds
04	M.Sc.,Applied Microbiology	MMB	A21MMB05	BHAVADHARANI.R	An invitro characterization of antimicrobial ,anti-biofilm and synergistic properties of native indian cherry
05	M.Sc.,Applied Microbiology	MMB	A21MMB06	GOPALAKRISHNAN. V	Studies on the antimicrobial properties of <i>Andrographis paniculata</i> on selected human pathogens
06	M.Sc.,Applied Microbiology	MMB	A21MMB07	JAYALAKSMI .M	A comparative characterization of regional jackfruit (ripe and unripe) extracts and their application against clinical pathogens
07	M.Sc.,Applied Microbiology	MMB	A21MMB08	JEGAN . A	Bioprospecting potential of endophytic actinobacteria from the leaves of mangrove plant
08	M.Sc.,Applied Microbiology	MMB	A21MMB09	KAMALI .G	Studies on antimicrobial activity,antioxidant activity, phytochemical screening and synthesis silver nanoparticles of <i>Cassia auriculata</i> flower extract
09	M.Sc.,Applied Microbiology	MMB	A21MMB10	KARTHIKEYAN .V	Effect of pesticides on the plant growth promoting traits of <i>Rhizobium</i>
10	M.Sc.,Applied Microbiology	MMB	A21MMB11	MOHANKUMAR .S	Bioprocessing of <i>Gloriosa suberba</i> .L against the clinical isolates of methicillin resistant <i>Staphylococcus aureus</i>
11	M.Sc.,Applied Microbiology	MMB	A21MMB12	MONIKA SELAS. M	Antibiotic conjugated gold nanoparticles synthesis and characterization of antibacterial and antibiofilm activites
12	M.Sc.,Applied Microbiology	MMB	A21MMB13	RAM KUMAR.G	<i>Lecucas aspera</i> extract mediated green synthesis of sliver nanoparticles and their enhanced antibacterial activity
13	M.Sc.,Applied Microbiology	MMB	A21MMB14	RAMYA .P	Green synthesis of zinc oxide nanoparticles using <i>Exocoecaria agallocha</i> and assessment of its biological and photocatalytic activities
14	M.Sc.,Applied Microbiology	MMB	A21MMB15	SOMANATHAN .M	Green synthesis of zinc oxide nanoparticles using <i>Avicennia marina</i> and assessment of its biological and photocatalytic activites
15	M.Sc.,Applied Microbiology	MMB	A21MMB16	SRIDEVI .S	Studies on antibiotic resistance of <i>Staphylococcus</i> spp isolated from cow milk
16	M.Sc.,Applied Microbiology	MMB	A21MMB17	SURENDAR .V	Effect of herbicides on the plant growth promoting traits of <i>Rhizobium</i>
17	M.Sc.,Applied Microbiology	MMB	A21MMB18	THAMARAI SELVI .R	Biosynthesis of zinc nanoparticles using cashew green shell extract and its biological potential
18	M.Sc.,Applied Microbiology	MMB	A21MMB19	VISHWANATHAN .G	Studies on the <i>Rhizobium</i> isolated from groundnut nodules ( <i>Arachis hypogea</i> )and small scale



**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-1**  
**STUDENT PROJECT DETAILS (21JPMB42)- 2022-2023**

					cultivation of liquid biofertilizer production
19	M.Sc.,Applied Microbiology	MMB	A21MMB20	HARIHARAN. T	Green synthesis of silver nanoparticles using Cucurbita and inhibitory action against pathogen
20	M.Sc.,Applied Microbiology	MMB	A21MMB21	PUGAZHPARI. B	Therapeutic properties of native indian black berry extract
21	M.Sc.,Applied Microbiology	MMB	A21MMB22	SATHISH.T	Studies on antimicrobial, phytochemical, antioxidant and silver nanoparticles synthesis from <i>Tribulus terrestris</i> leaf extract
22	M.Sc.,Applied Microbiology	MMB	A21MMB23	MOHANA.D	Antibiotic resistance profile of <i>Escherichia coli</i> isolated from raw milk and raw cheese
23	M.Sc.,Applied Microbiology	MMB	A21MMB24	ASHA I	Effect of fungicides on the plant growth promoting traits of <i>Rhizobium</i>
24	M.Sc.,Applied Microbiology	MMB	A21MMB25	LAKSHMI A	Functional characterization of bioactive compounds in fruit herbal formulation and paneer fruits extract
25	M.Sc.,Applied Microbiology	MMB	A21MMB26	BARANIDHARAN P	Bioproduction ,characterization antimicrobial and antioxidant activities of extracellular melanin pigment from mangrove soil bacterium
26	M.Sc.,Applied Microbiology	MMB	A21MMB27	AVINASH G.S	Invitro studies on the inhibitory effects of green tea extract against enteropathogens

**STUDY OF ANTIMICROBIAL, ANTIOXIDANT, PHYTOCHEMICAL ANALYSIS  
AND SILVER NANOPARTICLE SYNTHESIS FROM CHRYSOPOGON  
ZIZANIODES PLANT ROOT EXTRACT**

**M.Sc., Dissertation submitted to St. Joseph's college of Arts and Science (Autonomous),  
Cuddalore, in partial fulfilment of the requirements for the award of the degree of**

**MASTER OF SCIENCE IN APPLIED MICROBIOLOGY**

**By**

**S. T. PRASANTH**

**Register No. A21MMB01**

**Under the Guidance of**

**Dr. R. KRISHNAN, M.Sc., M.Phil., Ph. D**



**MAY- 2023**

**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(AFFILIATED TO ANNAMALAI UNIVERSITY)**

**CUDDALORE-607 001**

**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS).**

**CUDDALORE-1.**

**CERTIFICATE**

This is to certify that the dissertation entitled "A Study of Antimicrobial, Antioxidant, Phytochemical analysis and silver nanoparticles synthesis from *Chrysopogon zizanioides* plant root extract" submitted by S.T. PRASANTH Reg No. A21MMB01 to St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1 in partial fulfillment of the requirements for the award of the degree of Master of Science in Applied Microbiology is a bonafide project work carried out by him under my supervision during the course of the year 2022 – 2023. No part of the dissertation has been submitted to any other institute or university for the award of any degree / diploma / fellowship / or any other similar titles.



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25/5/23

Date of viva voce:

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Examiner 2:

  
**Dr. G. SURESH**

# **STUDIES ON SYNTHESIS OF AMOXICILLIN ANTIBIOTIC CONJUGATED SILVER NANOPARTICLES (AgNPs) AND IT'S APPLICATIONS**

M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfilment of the requirements for the award of the degree of

**MASTER OF SCIENCE IN APPLIED MICROBIOLOGY**

By

**ABINAYA V**

Register No. A21MMB02

Under the Guidance of

**Dr. J. JAYA PRAKASH, M.Sc., DMLT, DCLP., Ph.D., NET,**



**MAY 2023**

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

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**CUD DALORE - 607 001**



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**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),**  
**CUDDALORE - 1**

**CERTIFICATE**

This is to certify that the dissertation entitled "**Studies on Synthesis of Amoxicillin antibiotic conjugated Silver nanoparticles (AgNPs) and its applications**" submitted by **ABINAYA V**, Reg No.: **A21IMMB02** to St. Joseph's College of Arts & Science (Autonomous), Cuddalore -1 in partial fulfillment of the requirements for the award of the degree of Master of Science in Applied Microbiology is a bonafide project work carried out by her under my supervision during the course of the year 2022 - 2023. No part of the dissertation has been submitted to any other institute or university for the award of any degree / diploma / fellowship / or any other similar titles.



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Examiner 2:

  
**Dr. G. SURESH**

Date of viva voce: 25.05.2023

**STUDIES ON ANTIBACTERIAL ACTIVITY, ANTIOXIDANT ACTIVITY AND GC-MS  
ANALYSIS OF *NIGELLA SATIVA* SEEDS**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of  
Master of Science in Applied Microbiology**

**By**

**S.AKASH**

**Register No: A21MMB03**

**Under the Guidance of**

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**May 2023**

**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(AFFILIATED TO ANNAMALAI UNIVERSITY)  
CUDDALORE - 607 001**

**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),**  
**CUDDALORE - 1**

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**CERTIFICATE**

This is to certify that the dissertation entitled "**Studies on antibacterial activity, antioxidant activity and GC-MS analysis of *Nigella sativa* seeds**" submitted by **S.Akash**. Reg No: **A21MMB03** to St. Joseph's College of Arts & Science (Autonomous), Cuddalore -1 in partial fulfillment of the requirements for the award of the degree of Master of Science in Applied Microbiology is a bonafide project work carried out by her under my supervision during the course of the year 2022 - 2023. No part of the dissertation has been submitted to any other institute or university for the award of any degree / diploma / fellowship / or any other similar titles.

*M P* 25/05/23

**Dr. M. Parimala Celia M.Sc., M.Phil., Ph.D.**

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*J. J. Prakash*  
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Examiner 1:

*G. Senthil Kumar* 25/05/23  
**Dr. G. SENTHILKUMAR**, M.Sc., M.Phil., Ph.D.,  
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Examiner 2:



*Dr. G. Senthil Kumar*

**AN INVITRO CHARACTERIZATION OF ANTIMICROBIAL, ANTI-  
BIOFILM & SYNERGISTIC PROPERTIES OF NATIVE INDIAN  
CHERRY**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfilment of the requirements for the award of the degree of**

**MASTER OF SCIENCE IN APPLIED MICROBIOLOGY**

**By**

**R.BHAVADHARANI**

**Register No. A21MMB05**

**Under the Guidance of**

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**MAY 2023**

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(AFFILATED TO ANNAMALAI UNIVERSITY) CUDDALORE-1**



## **CERTIFICATE**

This is to certify that the dissertation entitled "**AN INVITRO CHARACTERIZATION OF ANTIMICROBIAL, ANTI-BIOFILM & SYNERGISTIC PROPERTIES OF NATIVE INDIAN CHERRY**" submitted by **R.BHAVADHARANI**, Reg No. **A21MMB05** to St. Joseph's College of Arts & Science (Autonomous), Cuddalore -1 in partial fulfillment of the requirements for the award of the degree of Master of Science in Applied Microbiology is a bonafide project work carried out by him/her under my supervision during the course of the year 2022 - 2023. No part of the dissertation has been submitted to any other institute or university for the award of any degree / diploma / fellowship / or any other similar titles.

  
25/5/23  
**(Dr. D. SUMITHA)**  
Assistant Professor,

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**Dr. G. SENTHILKUMAR**, M.Sc., M.Phil., Ph.D.,  
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Examiner 1:

Date of viva voce: 25.05.2023



Examiner 2:

  
**Dr. H. Suresh**

**STUDIES ON THE ANTIMICROBIAL PROPERTIES OF  
*ANDROGRAPHIS PANICULATA* ON SELECTED HUMAN PATHOGENS**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of  
Master of Science in Applied Microbiology.**

**By**

**GOPALAKRISHNAN V**

**Register No. A21MMB06**

**Under the Guidance of**

**Dr. D. JOHN MILTON**



**May 2023**

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**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY**  
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**CUDDALORE - 1**

---

**CERTIFICATE**

This is to certify that the dissertation entitled "Studies on the Antimicrobial properties of *Andrographis paniculata* on selected human pathogens" submitted by **GOPALAKRISHNAN V**, Reg No.: A21MMB06 to St. Joseph's College of Arts & Science (Autonomous), Cuddalore -1 in partial fulfillment of the requirements for the award of the degree of Master of Science in Applied Microbiology is a bonafide project work carried out by her under my supervision during the course of the year 2022 - 2023. No part of the dissertation has been submitted to any other institute or university for the award of any degree / diploma / fellowship / or any other similar titles. (This dissertation is submitted as soft copy for the viva voce examination).



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7.7.12/05/23

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Date of viva voce ; 25.05.2023



Examiner 2:



**Dr. G. Senthil Kumar**

**A COMPARATIVE CHARACTERIZATION OF REGIONAL JACKFRUIT (RIPE  
& UNRIPE) EXTRACTS AND THEIR APPLICATION AGAINST CLINICAL  
PATHOGENS**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore,  
in partial fulfilment of the requirements for the award of the degree of**

**MASTER OF SCIENCE IN APPLIED MICROBIOLOGY**

**By**

**M. JAYALAKSHMI**

**Register No. A21MMB07**

**Under the Guidance of**

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**MAY 2023**

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(AFFILIATED TO ANNAMALAI UNIVERSITY) CUDDALORE-1**



### CERTIFICATE

This is to certify that the dissertation entitled "A COMPARATIVE CHARACTERIZATION OF REGIONAL JACKFRUIT (RIPE & UNRIPE) EXTRACTS AND THEIR APPLICATION AGAINST CLINICAL PATHOGENS." submitted by M. JAYALAKSHMI, Reg No. A21IMMB07 to St. Joseph's College of Arts & Science (Autonomous), Cuddalore -1 in partial fulfilment of the requirements for the award of the degree of Master of Science in Applied Microbiology is a bonafide project work carried out by him/her under my supervision during the course of the year 2022-2023. No part of the dissertation has been submitted to any other institute or university for the award of any degree / diploma / fellowship / or any other similar titles.

  
25/5/23  
(Dr. D. SUMITHA)

Assistant Professor,

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25/05/23  
Dr. G. SENTHILKUMAR, M.Sc., M.Phil., Ph.D.  
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Examiner 1:

Examiner 2:



Dr. G. Senthil Kumar

Date of viva voce: 25.05.23

**BIOPROSPECTING POTENTIAL OF ENDOPHYTIC ACTINOBACTERIA  
FROM THE LEAVES OF MANGROVE PLANT**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of  
Master of Science in Applied Microbiology**

**By**

**JEGAN A**

**Register No. A21MMB08**

**Under the Guidance of**

**Dr. C. SWAMINATHAN**



**May 2023**

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**CERTIFICATE**

This is to certify that the dissertation entitled "**Bioprospecting potential of endophytic actinobacteria from the leaves of mangrove plant**" submitted by **JEGAN A**, Reg No.: **A21MMB08** to St. Joseph's College of Arts & Science (Autonomous), Cuddalore -1 in partial fulfillment of the requirements for the award of the degree of Master of Science in Applied Microbiology is a bonafide project work carried out by her under my supervision during the course of the year 2021 – 2023. No part of the dissertation has been submitted to any other institute or university for the award of any degree / diploma / fellowship / or any other similar titles.

  
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Examiner 1:

Date of viva voce: 25.5.2023



Examiner 2:

  
**Dr. G. Senthil**

**STUDIES ON ANTIMICROBIAL ACTIVITY OF ,ANTIOXIDANT ACTIVITY,  
PHYTOCHEMICAL SCREENING AND SYNTHESIS SILVER NANOPARTICLES  
OF *CASSIA AURICULATA* FLOWER EXTRACT**

**M.Sc., Dissertation submitted to St. Joseph's college of Arts and Science (Autonomous),  
Cuddalore, in partial fulfilment of the requirements for the award of the degree of**

**MASTER OF SCIENCE IN APPLIED MICROBIOLOGY**

**By**

**G. KAMALI**

**Register No. A21MMB09**

**Under the Guidance of**

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This is to certify that the dissertation entitled " **Studies on Antimicrobial Activity, Antioxidant activity, Phytochemical screening and Synthesis silver nanoparticles of *Cassia auriculata* flower extract** "submitted by **G.KAMALI** Reg No. **A21MMB09** to St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1 in partial fulfillment of the requirements for the award of the degree of Master of Science in Applied Microbiology is a Bonafede project work carried out by her under my supervision during the course of the year 2022 – 2023. No part of the dissertation has been submitted to any other institute or university for the award of any degree / diploma / fellowship / or any other similar titles.

  
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Examiner 2:

  
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**EFFECT OF PESTICIDE ON THE PLANT GROWTH PROMOTING  
TRAITS OF *RHIZOBIUM***

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of  
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**Dr. D. JOHN MILTON**

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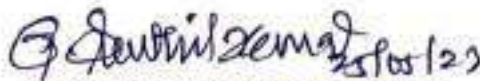
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**BIOPROCESSING OF *Gloriosa superba*. L AGAINST THE CLINICAL  
ISOLATES OF METHICILLIN RESISTANT *Staphylococcus aureus***

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
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**MASTER OF SCIENCE IN APPLIED MICROBIOLOGY**

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**ANTIBIOTIC CONJUGATED GOLD NANOPARTICLES  
SYNTHESIS AND CHARACTERIZATION OF  
ANTIBACTERIAL AND ANTIBIOFILM ACTIVITIES**

M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
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**MASTER OF SCIENCE IN APPLIED MICROBIOLOGY**

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**LEUCAS ASPERA EXTRACT MEDIATED GREEN SYNTHESIS  
OF SILVER NANOPARTICLES AND THEIR ENHANCED  
ANTIBACTERIAL ACTIVITY**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science  
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**MASTER OF SCIENCE IN APPLIED MICROBIOLOGY**

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**GREEN SYNTHESIS OF ZINC OXIDE NANOPARTICLES USING  
EXCOECARIA AALLOCHA AND ASSESSMENT OF ITS BIOLOGICAL  
AND PHOTOCATALYTIC ACTIVITIES**

**M.Sc., Dissertation submitted to St. Joseph's college of Arts and Science (Autonomous),  
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**MASTER OF SCIENCE IN APPLIED MICROBIOLOGY**

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**GREEN SYNTHESIS OF ZINC OXIDE NANOPARTICLES USING  
AVICENNIA MARINA AND ASSESSMENT OF ITS BIOLOGICAL AND  
PHOTOCATALYTIC ACTIVITIES**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
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This is to certify that the dissertation entitled "**Green Synthesis Of Zinc Oxide Nanoparticles Using Avicennia Marina And Assessment Of Its Biological And Photocatalytic Activities**" submitted by **SOMANATHAN. M**, Reg No.: **A21MMB15** to St. Joseph's College of Arts & Science (Autonomous), Cuddalore -1 in partial fulfillment of the requirements for the award of the degree of Master of Science in Applied Microbiology is a bonafide project work carried out by her under my supervision during the course of the year 2022 - 2023. No part of the dissertation has been submitted to any other institute or university for the award of any degree / diploma / fellowship / or any other similar titles.

  
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**STUDIES ON ANTIBIOTIC RESISTANCE OF *STAPHYLOCOCCUS SPP* ISOLATED  
FROM COW MILK**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
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**EFFECT OF HERBICIDES ON THE PLANT GROWTH PROMOTING  
TRAITS OF *RHIZOBIUM***

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
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# **BIOSYNTHESIS OF ZINC OXIDE NANOPARTICLES USING CASHEW GREEN SHELL EXTRACT AND ITS BIOLOGICAL POTENTIAL**

M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
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**MASTER OF SCIENCE IN APPLIED MICROBIOLOGY**

By

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Date of viva voce: 25 05 2023





**STUDIES ON THE RIZOBIUM ISOLATED FROM GROUNDNUT  
NODULES (*Arachis hypogaea*) AND SMALL SCALE CULTIVATION OF  
LIQUID BIOFERTILIZER PRODUCTION**

M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of

**MASTER OF SCIENCE IN APPLIED MICROBIOLOGY**

By

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**Register No. A21MMB19**

Under the Guidance of

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**MAY 2023**

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**CERTIFICATE**

This is to certify that the dissertation entitled "STUDIES ON THE RIZOBIUM ISOLATED FROM GROUNDNUT NODULES (*Arachis hypogaea*) AND SMALL SCALE CULTIVATION OF LIQUID BIOFERTILIZER PRODUCTION," submitted by G. VISHWANATHAN, Reg No. A21MMB19 to St. Joseph's College of Arts & Science (Autonomous), Cuddalore -1 in partial fulfillment of the requirements for the award of the degree of Master of Science in Applied Microbiology is a bonafide project work carried out by him under my supervision during the course of the year 2022 - 2023. No part of the dissertation has been submitted to any other institute or university for the award of any degree / diploma / fellowship / or any other similar titles.

  
25.5.23

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**GREEN SYNTHESIS OF SILVER NANOPARTICLES USING  
CUCURBITA PEPO AND INHIBITORY ACTION AGAINST  
PATHOGENS**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of**

**MASTER OF SCIENCE IN APPLIED MICROBIOLOGY**

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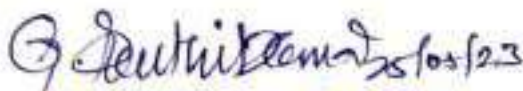
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# **THERAPEUTIC PROPERTIES OF NATIVE INDIAN BLACK BERRY EXTRACT**

M.Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfilment of the requirements for the award of the degree of

**MASTER OF SCIENCE IN APPLIED MICROBIOLOGY**

**By**

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This is to certify that the dissertation entitled "THERAPEUTIC PROPERTIES OF NATIVE INDIAN BLACK BERRY EXTRACT." submitted by B. PUGAZHPARI, Reg No. A2IMMB21 to St. Joseph's College of Arts & Science (Autonomous), Cuddalore -1 in partial fulfillment of the requirements for the award of the degree of Master of Science in Applied Microbiology is a bonafide project work carried out by him/her under my supervision during the course of the year 2022-2023. No part of the dissertation has been submitted to any other institute or university for the award of any degree / diploma / fellowship / or any other similar titles.

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Date of viva voce: 25-05-2023

**STUDIES ON ANTIMICROBIAL, PHYTOCHEMICAL, ANTIOXIDANT AND SILVER  
NANOPARTICLE SYNTHESIS FROM *TRIBULUS TERRESTRIS* LEAF EXTRACT**

**M.Sc., Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
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**MASTER OF SCIENCE IN APPLIED MICROBIOLOGY**

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**CERTIFICATE**

This is to certify that the dissertation entitled "**Studies on antimicrobial, phytochemical, antioxidant and silver nanoparticle synthesis from *Tribulus terrestris* leaf extract**" submitted by **T. SATHISH** Reg No. **A21MMB22** to St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1 in partial fulfillment of the requirements for the award of the degree of Master of Science in Applied Microbiology is a bonafide project work carried out by him under my supervision during the course of the year 2022 – 2023. No part of the dissertation has been submitted to any other institute or university for the award of any degree / diploma / fellowship / or any other similar titles.



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**ANTIBIOTIC RESISTANCE PROFILE OF *ESCHERICHIA.COLI* ISOLATED FROM  
RAW MILK AND RAW MILK CHEESE**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of  
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**CERTIFICATE**

This is to certify that the dissertation entitled "**Antibiotic Resistance Profile Of *Escherichia.Coli* Isolated From Raw Milk And Raw Milk Cheese**" submitted by **D. Mohana**, Reg No: **A21MMB23** to St. Joseph's College of Arts & Science (Autonomous), Cuddalore -1 in partial fulfillment of the requirements for the award of the degree of Master of Science in Applied Microbiology is a bonafide project work carried out by her under my supervision during the course of the year 2022 - 2023. No part of the dissertation has been submitted to any other institute or university for the award of any degree / diploma / fellowship / or any other similar titles.

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**EFFECT OF FUNGICIDES ON THE PLANT GROWTH PROMOTING  
TRAITS OF *RHIZOBIUM***

M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
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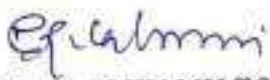
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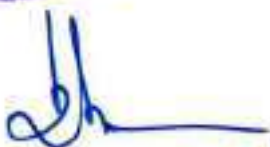
  
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**FUNCTIONAL CHARACTERIZATION OF BIOACTIVE COMPOUNDS IN  
FRUIT HERBAL FORMULATION AND PANEER FRUIT EXTRACT.**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of**

**MASTER OF SCIENCE IN APPLIED MICROBIOLOGY**

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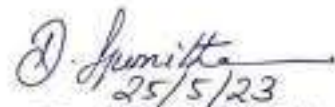
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**BIOPRODUCTION, CHARACTERIZATION, ANTIMICROBIAL AND  
ANTIOXIDANT ACTIVITIES OF EXTRACELLULAR MELANIN  
PIGMENT FROM MANGROVE SOIL BACTERIUM**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
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This is to certify that the dissertation entitled "Bioproduction, Characterization, Antimicrobial and Antioxidant Activities of Extracellular Melanin Pigment From Mangrove Soil Bacterium" submitted by **BARANIDHARAN P**, Reg No.: **A21MMB26** to St. Joseph's College of Arts & Science (Autonomous), Cuddalore -1 in partial fulfillment of the requirements for the award of the degree of Master of Science in Applied Microbiology is a bonafide project work carried out by her under my supervision during the course of the year 2022 - 2023. No part of the dissertation has been submitted to any other institute or university for the award of any degree / diploma / fellowship / or any other similar titles.

  
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**INVITRO STUDIES ON THE INHIBITORY EFFECTS OF GREEN TEA  
EXTRACT AGAINST ENTEROPATHOGENS**

**M.Sc., Dissertation submitted to St. Joseph's college of Arts and Science (Autonomous),  
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**MASTER OF SCIENCE IN APPLIED MICROBIOLOGY**

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# **ANALYSING THE CURRENT HEALTH CONDITION IN NEIGHBOURHOOD AREAS AFTER THE COVID-19 VACCINATION**

**By**

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**M.GOBI (A20MBD02)**

**G.KANNIYAPPAN(A20MBD03)**

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# **SURVEY ON IMPACT OF COVID – 19**

**B. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
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Bachelor of Science in Microbiology**

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**MAY 2023**

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# **SURVEY ON IMPACT OF COVID – 19**

**B. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of  
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**By**

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**A.SIMON - A20MBD13**

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**Under the Guidance of**

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# **ANALYSING THE CURRENT HEALTH CONDITION IN NIGHBOURHOOD AREAS AFTER THE COVID-19 VACCINATION**

**B.Sc., dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
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## **BACHELOR OF SCIENCE IN MICR BIOLOGY**

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**G. VELMURUGAN (A20MBD15)**

**S. CHANDRU (A20MBD16)**

**S.PRATHIVANAN (A20MBD17)**

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**Under the Guidance of**

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# **ANALYSING THE FOOD HABITS IN NEIGHBOURHOOD AREAS DURING AND AFTER COVID-19 PANDEMIC**

**B.Sc., dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
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**N. HARIPRASATH (A20MBD20)**

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# **SOCIAL IMPACT OF COVID – 19 SURVEY QUESTIONNAIRE**

**B. Sc., Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
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**April 2023**

**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**



# **SOCIAL IMPACT OF COVID-19 SURVEY QUESTIONNAIRE**

**B.Sc., dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirement for the award of the degree of**

## **BACHELOR OF SCIENCE IN MICROBIOLOGY**

**by**

**N. NAVEEN (A20MBD29)**

**K. KALAIVALAVAN (A20MBD30)**

**S. AKASH (A20MBD31)**

**K. SANJAY (A20MBD33)**

**V. LOGESWARAN (A20MBD34)**

**V. SANJAY (A20MBD46)**

**Under the Guidance of**

**Dr. S. MEGALA, M.Sc., Ph.D.,**



**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**



# **COLLEGE STUDENTS' EXPERIENCE OF ONLINE LEARNING DURING THE COVID-19 PANDEMIC**

**B.Sc., dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirement for the award of the degree of**

## **BACHELOR OF SCIENCE IN MICROBIOLOGY**

**By**

**DHIVAGAR.G (A20MBD35)**

**HARIHARAN.N (A20MBD36)**

**DHINESH.S (A20MBD37)**

**MUKILAN.R (A20MBD38)**

**CHANDHIRAMOHAN.S (A20MBD39)**

**GOKUL.P (A20MBD40)**

**Under the Guidance of**

**Dr. C. Swaminathan M.Sc., M.Phil., Ph.D., NET**



**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

# **HEALTH STATUS OF PEOPLES AFTER COVID 19 VACCINATION**

**By**

**V. ABARNA (A20MBE01)**

**V.AJANTHA (A20MBE02)**

**P.ARTHI (A20MBE04)**

**K.ASHA (A20MBE05)**

**K.BARGAVI (A20MBE06)**

**M.BHARATHI (A20MBE07)**

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**Under the Guidance of**

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**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

# **SURVEY ON IMPACT OF COVID – 19**

**B. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of  
Bachelor of Science in Microbiology**

**By**

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**C.BRINDHA- A20MBE11**

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**MAY 2023**

**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

# **SURVEY ON IMPACT OF COVID – 19**

**B. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of  
Bachelor of Science in Microbiology**

**By**

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**M.DIVYA- A20MBE14**

**M.VIDHYA- A20MBE52**

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**MAY 2023**

**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**



**ANALYSING THE FOOD HABITS IN NEIGHBOURHOOD AREAS  
DURING AND AFTER COVID-19 PANDEMIC**

**By**

**S. EZHILARASI (A20MBE16)  
M. DIVYA (A20MBE15)  
K. GOPIKA (A20MBE17)  
N. GOVARDHINI (A20MBE18)  
R. SANDHIYA (A20MBE53)**

**Under the Guidance of**

**Dr. D.JOHN MILTON, M.Sc., Ph.D., NET**



**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

# **ANALYSING THE FOOD HABITS IN NEIGHBOURHOOD AREAS DURING AND AFTER COVID-19 PANDEMIC**

**B.Sc., dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirement for the award of the degree of**

## **BACHELOR OF SCIENCE IN MICROBIOLOGY**

**By**

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**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY  
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# **SOCIAL IMPACT OF COVID – 19 SURVEY QUESTIONNAIRE**

**B. Sc., Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfilment of the requirements for the award of the degree of**

## **BACHELOR OF SCIENCE IN MICROBIOLOGY**

**By**

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**April 2023**

**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

# **SOCIAL IMPACT OF COVID-19 SURVEY QUESTIONNAIRE**

**B.Sc., dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirement for the award of the degree of**

## **BACHELOR OF SCIENCE IN MICROBIOLOGY**

**By**

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**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**



# **SCHOOL STUDENTS' EXPERIENCE OF ONLINE LEARNING DURING THE COVID-19 PANDEMIC**

**B.Sc., dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirement for the award of the degree of**

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**SUBHASHINI.S (A20MBE44)**

**SURIYAKAMALI.S (A20MBE45)**

**SWETHA.P (A20MBE46)**

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ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE-1**

**DEPARTMENT OF ZOOLOGY  
List of Students undertaking Projects**

**Class:** III B.Sc., Zoology (Shift-I)

**Batch:** 2020-2023

<b>S. No</b>	<b>Roll No</b>	<b>Name of Students</b>	<b>Project Title</b>
1	A20ZOD01	AJAI.P	Studies on water quality parameters of river water along Puducherry and Cuddalore
2	A20ZOD02	ASHWIN.V	Antibacterial activity on papaya <i>Carica papaya</i> against come selective gram-positive and gram-negative bacteria
3	A20ZOD03	DHIVYA.A	Studies on some harmful insect pests of agriculture in Cuddalore district
4	A20ZOD04	KAVYASREE.K	Morphometric characters of freshwater fish nile Tilapia ( <i>Oreochromis niloticus</i> – Linnaeus, 1758) in Perumal lake, Cuddalore
5	A20ZOD05	NARMADHA.S	Antibacterial activity on papaya <i>Carica papaya</i> against come selective gram-positive and gram-negative bacteria
6	A20ZOD06	PREETHI.K	Studies on water quality parameters of river water along Puducherry and Cuddalore
7	A20ZOD07	PRIYADHARSHINI.K	Morphometric characters of freshwater fish nile Tilapia ( <i>Oreochromis niloticus</i> – Linnaeus, 1758) in Perumal lake, Cuddalore
8	A20ZOD08	ROSHINI.A	Antibacterial activity on papaya <i>Carica papaya</i> against come selective gram-positive and gram-negative bacteria
9	A20ZOD09	SANTHOSH KUMAR.K	Antibacterial activity on papaya <i>Carica papaya</i> against come selective gram-positive and gram-negative bacteria
10	A20ZOD10	SARUMATHI.S	Vermicomposting: Methods and

			Practices
11	A20ZOD12	SELVAMUTHUKUMARAN.S	Vermicomposting: Methods and Practices
12	A20ZOD13	SHARMILA.M	Antibacterial activity on papaya <i>Carica papaya</i> against come selective gram-positive and gram-negative bacteria
13	A20ZOD14	VISHNUPRIYA.K	Morphometric characters of freshwater fish nile Tilapia ( <i>Oreochromis niloticus</i> – Linnaeus, 1758) in Perumal lake, Cuddalore
14	A20ZOD15	THATCHAYANI D	Morphometric characters of freshwater fish nile Tilapia ( <i>Oreochromis niloticus</i> – Linnaeus, 1758) in Perumal lake, Cuddalore
15	A20ZOD16	GLADIS JOSHIBA.P	Antibacterial activity on papaya <i>Carica papaya</i> against come selective gram-positive and gram-negative bacteria
16	A20ZOD17	GUNA.D	Studies on water quality parameters of river water along Puducherry and Cuddalore
17	A20ZOD19	LEENA.V	Antibacterial activity on papaya <i>Carica papaya</i> against come selective gram-positive and gram-negative bacteria
18	A20ZOD20	RANJITHA.R	Morphometric characters of freshwater fish nile Tilapia ( <i>Oreochromis niloticus</i> – Linnaeus, 1758) in Perumal lake, Cuddalore
19	A20ZOD21	SURIYAPRIYA.D	Studies on water quality parameters of river water along Puducherry and Cuddalore
20	A20ZOD22	PRABHA.R	Studies on water quality parameters of river water along Puducherry and Cuddalore
21	A20ZOD24	NAFEELA PARVIN.M	Vermicomposting: Methods and Practices
22	A20ZOD26	SUWETHA.M	Vermicomposting: Methods and Practices
23	A20ZOD27	PRIYADHARSHINI.R	Antibacterial activity on papaya <i>Carica papaya</i> against come selective gram-positive and

			gram-negative bacteria
24	A20ZOD28	BOOMINADHAN.P	Vermicomposting: Methods and Practices
25	A20ZOD29	VIVEGA.V	Antibacterial activity on papaya <i>Carica papaya</i> against come selective gram-positive and gram-negative bacteria
26	A20ZOD31	SUDAN.M	Antibacterial activity on papaya <i>Carica papaya</i> against come selective gram-positive and gram-negative bacteria



**Co ordinator**

Dr. A. ARULPRAKASH, Ph.D.  
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**Head of the Department**

Dr. P. THIENMOZHI  
Assistant Professor & Head  
Department of Zoology,  
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**STUDIES ON WATER QUALITY PARAMETERS OF RIVER WATER  
ALONG PUDUCHERRY AND CUDDALORE COAST**

A dissertation submitted to St. Joseph's College of Arts and Science (Autonomous)  
In partial fulfillment of the requirement for the award of Degree of  
**BACHELOR OF SCIENCE IN ZOOLOGY**

**Submitted by**

<b>AJAI P</b>	- A20ZOD01
<b>PREETHI K</b>	- A20ZOD06
<b>GUNA D</b>	- A20ZOD17
<b>SURIYAPRIYA D</b>	- A20ZOD21
<b>PRABHA R</b>	- A20ZOD22

*Under the Guidance of*  
**Dr. N. JAYAPRABHA, M.Sc., Ph.D., NET**  
Assistant Professor  
Department of Zoology



DEPARTMENT OF ZOOLOGY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE - 607 001

**MAY - 2023**



DEPARTMENT OF ZOOLOGY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE - 607 001

### CERTIFICATE

This is to certify that the Dissertation entitled "**STUDIES ON WATER QUALITY PARAMETERS OF RIVER WATER ALONG PUDUCHERRY AND CUDDALORE COAST**" being submitted to the Department of Zoology, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, Affiliated to Thiruvalluvar University, Vellore, by

AJAI P	- A20ZOD01
PREETHIK	- A20ZOD06
GUNA D	- A20ZOD17
SURIYAPRIYA D	- A20ZOD21
PRABHA R	- A20ZOD22

is a bonafied record of work carried out by them under my guidance and supervision.

  
Signature of the Guide

  
Head of the Department 20.05.2023

Submitted for the viva voce examination on 20.05.2023

Examiners: 1.  2.   
20.5.23

Place: cuddalore

Date: 20.05.2023

# **Antibacterial Activity of Papaya *Carica papaya* against Some Selected Gram-Positive and Gram-Negative Bacteria**

A dissertation submitted to St. Joseph's College of Arts and Science (Autonomous)  
in partial fulfillment of the requirement for the award of the degree of

## **BACHELOR OF SCIENCE IN ZOOLOGY**

	By	
<b>ASWIN.V</b>	-	<b>A20ZOD02</b>
<b>NARMADHA.S</b>	-	<b>A20ZOD05</b>
<b>ROSHINLA</b>	-	<b>A20ZOD08</b>
<b>VIVEGA.V</b>	-	<b>A20ZOD29</b>
<b>SUDAN. M</b>	-	<b>A20ZOD31</b>

Under the Guidance of

**Dr. S. PRAVINA MARY, M.Sc., M.Phil., Ph.D.**  
Assistant Professor  
Department of Zoology



**DEPARTMENT OF ZOOLOGY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)  
(RE-ACCREDITED BY NACC WITH "A" GRADE)  
CUDDALORE - 607 001

MAY - 2023



DEPARTMENT OF ZOOLOGY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)  
CUDDALORE-607 001

CERTIFICATE

This is to certify that the Dissertation entitled **Antibacterial Activity of Papaya *Carica papaya* against Some Selected Gram-Positive and Gram-Negative Bacteria** Submitted to St. Joseph's College of Arts and Science (Autonomous) Cuddalore-1 in partial fulfillments for the requirement for the award of the Degree of **BACHELOR OF SCIENCE IN ZOOLOGY** is a bonafide project work carried out by him/her under my guidance, submitted to any other institute of university for the award of any degree /diploma/ fellowship/or any other similar titles.

Dr. S. PRAVINA MARV, M.Sc., M.Phil., Ph.D.

Assistant Professor,  
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Examiners 1

Examiner: 2

Date of

Viva

Voice

Place

20/05/2023

Cuddalore



**STUDIES ON SOME HARMFUL INSECT PESTS OF AGRICULTURE  
IN CUDDALORE DISTRICT**

A dissertation submitted to St. Joseph's College of Arts and Science (Autonomous) in  
partial fulfillment of the requirement for the award of Degree of BACHELOR OF  
SCIENCE IN ZOOLOGY

Submitted by

**DHIVYA.D - A20ZOD03**  
**SANTHOSH KUMAR.K -A20ZOD09**  
**SHARMILA.M -A20ZOD13**  
**GLADIS JOSHIBA.P -A20ZOD16**  
**LEENA.V-A20ZOD19**  
**PRIYADHARSHINI.R-A20ZOD27**

*Under the Guidance of*  
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DEPARTMENT OF ZOOLOGY

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE - 607 001

**MAY - 2023**



DEPARTMENT OF ZOOLOGY  
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### CERTIFICATE

This is to certify that the Dissertation entitled "**STUDIES ON SOME HARMFUL INSECT PESTS OF AGRICULTURE IN CUDDALORE**" being submitted to the Department of Zoology, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, Affiliated to Thiruvalluvar University, Vellore, by

**DHIVYA.D - A20ZOD03**  
**SANTHOSH KUMAR.K -A20ZOD09**  
**SHARMILA.M -A20ZOD13**  
**GLADIS JOSHIBA.P -A20ZOD16**  
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**PRIYADHARSHINI.R-A20ZOD27**

is a bonafied record of work carried out by them under my guidance and supervision.

  
Signature of the Guide

  
Head of the Department

Submitted for the viva voce examination on 18/05/2023

Examiners: 1.  2.  20/5/23

Place: CUDDALORE

Date: 20.05.2023

**MORPHOMETRIC CHARACTERS OF FRESHWATER FISH NILE  
TILAPIA (OREOCHROMIS NILOTICUS - LINNAEUS, 1758) IN  
PERUMAL LAKE, CUDDALORE**

In partial fulfillment of the requirement for the award of Degree of

**BACHELOR OF SCIENCE IN ZOOLOGY**

Submitted by

K. VISHNUPRIYA	- A20ZOD14
D. THATCHAYANI	- A20ZOD15
K. PRIYADHARSHINI	- A20ZOD07
R. RANJITHA	- A20ZOD20
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*Under the Guidance of*

**Dr. A. ARULPRAKASH, M.Sc., M. Phil., Ph. D.,**

**Assistant Professor**

**Department of Zoology**



**DEPARTMENT OF ZOOLOGY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE - 607 001**

**MAY - 2023**



DEPARTMENT OF ZOOLOGY  
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This is to certify that the Dissertation entitled **"MORPHOMETRIC CHARACTERS OF FRESHWATER FEATHERBACK FISH NILE TILAPIA (OREOCHROMIS NILOTICUS - LINNAEUS, 1758) IN PERUMAL LAKE, CUDDALORE"** being submitted to the Department of Zoology, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, Affiliated to Thiruvalluvar University, Vellore, by

K. VISHNUPRIYA	- A20ZOD14
D. THATCHAYANI	- A20ZOD15
K. PRIYADHARSHINI	- A20ZOD07
R. RANJITHA	- A20ZOD20
K. KAVIYA SRI	- A20ZOD04

Is a bonafied record of work carried out by them under my guidance and supervision.

  
Signature of the Guide

  
Head of the Department

Submitted for the viva voce examination on 20/5/23

Examiners: 1.   
Place: CUDDALORE - 2  
Date: 20/05/2023

2. 



## VERMICOMPOSTING: METHODS AND PRACTICES

A dissertation submitted to St. Joseph's College of Arts and Science (Autonomous)

In partial fulfillment of the requirements for the award of the degree of

BACHELOR OF SCIENCE IN ZOOLOGY

Submitted By

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NAFEELA PARVIN.M	-	A20ZOD24
SWETHA.M	-	A20ZOD26
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(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)

(RE- ACCREDITED BY NACC WITH "A" GRADE)

Cuddalore - 607 001

JUNE - 2023



DEPARTMENT OF ZOOLOGY

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

Cuddalore-607 001

CERTIFICATE

This is to certify that the Dissertation entitled **"VERMICOMPOSTING: METHODS AND PRACTICES"** Submitted to St. Joseph's College of Arts and Science (Autonomous) Cuddalore-1 in partial fulfillments for the requirement for the award of the Degree of **BACHELOR OF SCIENCE IN ZOOLOGY** is a bonafide project work carried out by him/her under my guidance, submitted to any other institute of university for the award or any degree /diploma/ fellowship or any other similar titles.

*Dr. T. Ganesh Kumar* 20.05.23

Dr. T. GANESHKUMAR, M.Sc., M.Phil., Ph.D.,

Assistant

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*Dr. P. Thenmozhi* 20/5/23

Dr. P. THENMOZHI, M.Sc., M.Phil., Ph.D.,

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Examiners: 1 *Dr. P. Thenmozhi* 20/5/23

Examiners: 2 *Dr. T. Ganesh Kumar* 20/5/23


Date of Viva Voce: 20.05.2023


Place : Cuddalore

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)****CUDDALORE-607001****PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE****List of Students undertaking Projects****Class:** II M.Sc(Computer Science)**Batch:** 2021-2023

<b>S.No</b>	<b>Roll No</b>	<b>Name of the Student</b>	<b>Project Title</b>
01	A21MCS01	K. Abinisha	Student Personality and Career Expert System
02	A21MCS02	S. Afrose	Semester Result Manipulation and Analysis System
03	A21MCS03	A. Anish	Student Absenteeism Smart Tracking Console Using QR Code
04	A21MCS05	A.Daisy	Intellectual Health Monitoring For College
05	A21MCS06	A. Johnson	Repository Notes For Student Learning Process
06	A21MCS07	T. Kannan	Client Management System
07	A21MCS08	B. Kirubakaran	Secure Patient Data Sharing Scheme On Cloud Infrastructure
08	A21MCS09	S. Madhumitha	Student Detection And Maintenance In College Crowd
09	A21MCS10	K. Padmajayani	College Admission System
10	A21MCS11	R. Preetha	Efficient Data Verification And Dynamic Data Management In Cloud Services Using Split-Block Techniques
11	A21MCS12	B. Punith Kumar	SJC-IIC
12	A21MCS13	B. Punitha	Hand Gesture Recognition and Control System
13	A21MCS14	B. Rajkumar	Online Shopping Portal
14	A21MCS15	R. Sindhuja	Hate Speech on Facebook Using Sentiment and Emotion Analysis
15	A21MCS16	S. Suveada	Enhancing Data Protection in Cloud Storage Through Public Key Encryption with Forward Security

16	A21MCS17	S. Vishnuram	Racism Detection On Twitter Data With Stanford NLP and Bow
17	A21MCS18	L. Antony Arockia Amal Raj	Secure Access Of Encrypted Files On Cloud Service Using Dual-Server Public-Key Authentication
18	A21MCS19	A. Preetha	Group Data Sharing Secret Key and Time Stamp
19	A21MCS20	A. Ajith Kumar	A Comprehensive Analysis Of Data Mining And Its Application In Diabetes Decision Support System
20	A21MCS21	S. Santhosh	Secure Cloud Storage Access Control System To Protect Against Malicious Data Publishers
21	A21MCS22	R. Anitha	College Infrastructure Management
22	A21MCS23	S. Rajavel	Dual Key Privacy Protection Model For Secure Data Transfer In Cloud Storage
23	A21MCS24	P. Subash	Crypto-shield The Secure Cryptographic Transaction Platform
24	A21MCS25	G. Sreedharan	Sports Informatics and Analytic System
25	A21MCS26	G. Kishore Kumar	Crime Reporting System

  
**Staff-in-charge**  
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**Head of the Department**  
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 Cuddalore-607 001.



# **STUDENT PERSONALITY AND CAREER EXPERT SYSTEM**

A Main-Project Report

Submitted for the partial fulfillment for the award of degree of

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**K.ABINISHA ( REG NO : A21MCS01)**

Under the Guidance of

**Dr. M. ARUMAI SELVAM. M.Sc., M.Phil., Ph.D.,**

(Post Graduate and Research Department of Computer Science)



**PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University- Annamalai Nagar)

**CUDDALORE- 607001**

**MAY-2023**

## CERTIFICATE

This is to certify that the Main-Project entitled

### STUDENT PERSONALITY AND CAREER EXPERT SYSTEM

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous)**  
(Affiliated to Annamalai University- Annamalai Nagar)

By


**K.ABINISHA ( REG NO : A21MCS01)**

For the partial Fulfillment for the award of degree of


### MASTER OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by her

Under My guidance and supervision.

  
Internal Guide

Dr. M. ANITHA SELVAM, M.Sc(Med), M.A., M.Phil., Ph.D.  
Head, PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

  
Head of the Department

Dr. M. ANITHA SELVAM, M.Sc(Med), M.A., M.Phil., Ph.D.  
Head, PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

Submitted for the viva-voce examination on 06-05-2023

Examiners:

1. 

2. 

**VIKIEME MULTI RESEARCH SERVICES**  
FR/CUDDALORE/73/2021

**K.I.E.M.E**

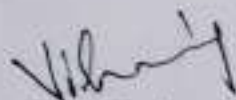
Date:

**Date: 16-04-2023**

**To Whomsoever it may Concern**

This is to Certify that **Ms. K. Abinisha (A21MCS01)** of **Final M.Sc (Computer Science)** from **St. Joseph's College of Arts and Science (Autonomous), Cuddalore-I** has successfully completed as Intern for the Project cum Internship Program from **06 January 2023 to 16 April 2023** on the title **"Student Personality and Career Expert System"**. On behalf of the Organisation, we appreciate the sincere work of the student to complete the project successfully. All the Best for the Completion of Internship Program.



  
Head Trainer

E-Mail

[vikiememrs@gmail.com](mailto:vikiememrs@gmail.com)

Website

[www.vikieme.in](http://www.vikieme.in)

# **SEMESTER RESULT MANIPULATION AND ANALYSIS SYSTEM**

A Main-Project Report

Submitted for the partial fulfillment for the award of degree of

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**S.AFROSE ( REG NO : A21MCS02)**

Under the Guidance of

**Dr. R. VIDYA M.Sc., M.Phil., Ph.D.,**

(Assistant Professor, Post Graduate and Research Department of Computer Science)



**PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University- Annamalai Nagar)

**CUDDALORE- 607001**

**MAY-2023**



## CERTIFICATE

This is to certify that the Main-Project entitled

### SEMESTER RESULT MANIPULATION AND ANALYSIS SYSTEM

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous)**  
(Affiliated to Annamalai University- Annamalai Nagar)

By

**S.AFROSE ( REG NO : A21MCS02)**

For the partial Fulfillment for the award of degree of

### MASTER OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by him

Under My guidance and supervision.

  
Internal Guide

**Dr. R. VIDYA, M.Sc., M.Phil., Ph.D.,**  
Assistant Professor  
PG & Research Dept. of Computer Science  
St. Joseph's College of Arts & Science  
(Autonomous)  
Cuddalore - 607 001.

  
Head of the Department

**Dr. M. ANANTHI MELVIAM, M.Sc., M.Phil., Ph.D.,**  
Head, PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

Submitted for the viva-voce examination held on \_\_\_\_\_

#### Examiners:

1. 

2. 



# VIKIINFORMATIC

SCHOOL OF COMPUTING AND SOFTSKILLS  
TN REGISTRATION 40/2015



Date: 16-04-2023

*To Whomsoever it may Concern*

This is to Certify that **Mr. S. Afrose (A21MCS02)** of **Final M.Sc (Computer Science)** from **St. Joseph's College of Arts and Science (Autonomous), Cuddalore-I** has successfully completed as Intern for the Project cum Internship Program from **06 January 2023 to 16 April 2023** on the title **"Semester Result Manipulation and Analysis System"**. On behalf of the Organisation, we appreciate the sincere work of the student to complete the project successfully. All the Best for the Completion of Internship Program.



  
Head Trainer



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CUDDALORE-607001.



<http://www.vikiinformatic.net>



**VIKIINFORMATIC**  
**SCHOOL OF COMPUTING AND SOFTSKILLS**  
**TN REGISTRATION 40/2015**



Date: 06-01-2023

**To Whomsoever It May Concern**

This is for the kind information that **Mr. AFROSE.S (A21MCS02)** from **Final M.Sc(Computer Science)** from **St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1** is appointed as Intern for the Project cum Internship Program from **January 2023 to April 2023**. During this Period, he will attend the training from 4 PM to 7 PM in our company and will be involved in Software Learning and Development with Research activities.

It is informed that the activities and data carried out during this internship Program is confidential at all times.

We Thank the college for their interest in our organisation.

All the Best for his Internship Program.



  
Head Trainer



[vikiinformatic@gmail.com](mailto:vikiinformatic@gmail.com)



+91 9080595933



#100, NETAJI ROAD, MANJAKUPPAM,  
CUDDALORE-607001.



<http://www.vikiinformatic.net>

# **STUDENT ABSENTEEISM SMART TRACKING CONSOLE USING QR CODE**

A Main-Project Report

Submitted for the partial fulfillment for the award of degree of

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**A. ANISH (REG NO: A21MCS03)**

Under the Guidance of

**Dr. T. MIRANDA LAKSHMI M.Sc., M.Phil., Ph.D.,**

(Assistant Professor, Post Graduate and Research Department of Computer Science)



**PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE(AUTONOMOUS)**

(Affiliated to Annamalai University- Annamalai Nagar)

**CUDDALORE- 607001**

**MAY-2023**



# CERTIFICATE

This is to certify that the Main-Project entitled

## STUDENT ABSENTEEISM SMART TRACKING CONSOLE USING QR CODE

Being submitted to

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University - Annamalai Nagar)

Submitted by

**A. ANISH (REG NO: A21MCS03)**

For the partial Fulfillment for the award of degree of

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Is a Bonafide record of work carried out by him

Under My guidance and supervision.

*Dr. L. Miranda Lakshmi*  
27/4/23  
**INTERNAL GUIDE**

**Dr. L. MIRANDA LAKSHMI, M.Sc., M.Phil., Ph.D.**  
Assistant Professor  
Post Graduate and Research Department of Computer Science  
St. Joseph's College of Arts and Science (Autonomous)  
Cuddalore, Tamil Nadu-607 001.

*Dr. M. Mahalingam*  
**HEAD OF THE DEPARTMENT**

**Dr. M. MAHALINGAM, M.Sc., M.Phil., Ph.D.**  
Head PG and Research Department of Computer Science  
St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore-607 001.

Submitted for the viva -voce examination held on.....

**Examiners:**

1. *Adh*

2. *KS*



# VIKIINFORMATIC

SCHOOL OF COMPUTING AND SOFTSKILLS  
TN REGISTRATION 40/2015



Date: 16-04-2023

To Whomsoever it may Concern

This is to Certify that Mr. A. Anish (A21MCS03) of Final M.Sc (Computer Science) from St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1 has successfully completed as Intern for the Project cum Internship Program from 06 January 2023 to 16 April 2023 on the title "Student Absenteeism Smart Tracking Console using QR Code". On behalf of the Organisation, we appreciate the sincere work of the student to complete the project successfully. All the Best for the Completion of Internship Program.



*Vikram*  
Head Trainer



# **INTELLECTUAL HEALTH MONITORING FOR COLLEGE**

A Main-Project Report

Submitted for the partial fulfillment for the award of degree of

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**A.DAISY (Reg No: A21MCS05)**

Under the Guidance of

**Dr. C. CHRISTY M.C.A., M.Phil. SET, Ph.D.,**

(Assistant Professor, Post Graduate and Research Department of Computer Science)



**PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University- Annamalai Nagar)

**CUDDALORE- 607 001**

**MAY -2023**

## CERTIFICATE

This is to certify that the Main-Project entitled

### INTELLECTUAL HEALTH MONITORING FOR COLLEGE

Being submitted to

St. Joseph's College of Arts and Science (Autonomous).

(Affiliated to Annamalai University – Annamalai Nagar)

By

**A.DAISY (Reg No: A21MCS05)**

For the partial Fulfillment for the award of degree of

### MASTER OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by her,

Under My guidance and supervision.

*Christy. C*  
**Internal Guide**

**Dr. C. CHRISTY, M.C.A., M.Phil., SET, Ph.D.,**  
**Assistant Professor**  
**P.G. & Research Dept. of Computer Science,**  
**St. Joseph's College of Arts & Science (Autonomous),**  
**CUDDALORE - 607 001.**

*[Signature]*  
**Head of the Department**

**Dr. M. ARUMAI SELVAM, M.Sc., M.Phil., M.A., Ph.D.,**  
**Head, P.G. and Research Department of Computer Science,**  
**St. Joseph's College of Arts & Science (Autonomous),**  
**Cuddalore-607 001.**

Submitted for the viva-vocce examination on 6.5.2023

**Examiners:**

1. *[Signature]*

2. *[Signature]*  
b/s





# VIKIEME MULTI RESEARCH SERVICES

FR/CUDDALORE/73/2021

**V.I.K.I.E.M.E**

MULTI RESEARCH SERVICES

Date: 06-01-2023

## To Whomsoever It May Concern

This is for the kind information that **Ms. DAISY.A (A21MCS05)** from **Final M.Sc(Computer Science)** from **St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1** is appointed as Intern for the Project cum Internship Program from **January 2023 to April 2023**. During this Period, she will attend the training from 4 PM to 7 PM in our company and will be involved in Software Learning and Development with Research activities.

It is informed that the activities and data carried out during this internship Program is confidential at all times.

We Thank the college for their interest in our organisation.

All the Best for her Internship Program.



  
Head Trainer



VIKIEME MULTI RESEARCH SERVICES

FR/CUDDALORE/73/2021

V.I.K.I.E.M.E

MULTI RESEARCH SERVICES

Date:

Date: 16-04-2023

**To Whomsoever it may Concern**

This is to Certify that **Ms. A. Daisy (A21MCS05)** of **Final M.Sc (Computer Science)** from **St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1** has successfully completed as Intern for the Project cum Internship Program from **06 January 2023 to 16 April 2023** on the title **"Intellectual Health Monitoring for College"**. On behalf of the Organisation, we appreciate the sincere work of the student to complete the project successfully. All the Best for the Completion of Internship Program.



  
Head Trainer



# **REPOSITORY NOTES FOR STUDENT LEARNING PROCESS**

A Main-Project Report

Submitted for the partial fulfillment for the award of degree of

## **MASTER OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**A. JOHNSON(A21MCS06)**

Under the Guidance of

**Dr.C. Christy M.C. A., M. Phil., SET., Ph.D.,**

(Assistant Professor, Post Graduate and Research Department of Computer science)



**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University-Annamalai Nagar)

**CUDDALORE-607001**

**MAY-2023**

## CERTIFICATE

This is to certify that the Main-Project entitled

### REPOSITORY NOTES FOR STUDENT LEARNING PROCESS

being submitted to

### ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)

(Affiliated to Annamalai University-Annamalai Nagar)

Submitted by

**A. JOHNSON**  
(A21MCS06)

For the Partial Fulfillment For the award of degree of

### MASTER OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by him,  
under my guidance and supervision

*Christy. c*  
**INTERNAL GUIDE**

Dr. C. CHRISTY, M.C.A., M.Phil., SETPND.,  
Assistant Professor  
P.G. & Research Dept. of Computer Science,  
St. Joseph's College of Arts & Science (Autonomous),  
CUDDALORE - 607 001.

*[Signature]*  
**HEAD OF THE DEPARTMENT**  
Dr. M. ARUNAS SELVAN, M.Sc., M.Phil., SETPND.,  
Head, PG and Research Department of Computer Science,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

Submitted for the viva -voce examination held on... 06/05/2023

#### EXAMINERS:

1. *[Signature]*

2. *[Signature]*





**VIKIINFORMATIC**

SCHOOL OF COMPUTING AND SOFTSKILLS

TN REGISTRATION 40/2015



Date: 16-04-2023

To Whomsoever it may Concern

This is to Certify that **Mr. A. Johnson (A21MCS06)** of **Final M.Sc (Computer Science)** from **St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1** has successfully completed as Intern for the Project cum Internship Program from **06 January 2023 to 16 April 2023** on the title **"Repository Notes for Student Learning Process"**. On behalf of the Organisation, we appreciate the sincere work of the student to complete the project successfully. All the Best for the Completion of Internship Program.



  
Head Trainer



ormatic@gmail.com



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# 100, NETAJI ROAD, MANJAKUPPAM,  
CUDDALORE-607001



<http://www.vikiinformatic.net>

# **CLIENT MANAGEMENT SYSTEM**

A Main-Project Report

Submitted for the partial fulfillment for the award of degree of

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**T. KANNAN**

(Reg No: A21MCS07)

Under the Guidance of

**Dr. A.R.JOHNSON DURAI, M.C.A., M.Phil., Ph.D.,**  
(Assistant Professor, Post Graduate and Research Department of Computer science)



**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE(AUTONOMOUS)**

(Affiliated to Annamalai University-Annamalai Nagar)

**CUDDALORE-607001**

**MAY-2023**

## CERTIFICATE

This is to certify that the Main-Project entitled

### CLIENT MANAGEMENT SYSTEM

Being submitted to

St. Joseph's college of Arts and Science (Autonomous)  
(Affiliated to Annamalai University-Annamalai Nagar)

Submitted by

**T. KANNAN**

(Reg No: A21MCS07)

For the Partial Fulfillment For the award of degree of

### MASTER OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by him,

Under my guidance and supervision.



**INTERNAL GUIDE**

**Dr. A.R. JOHNSON DURAI, MCA, M.Phil, Ph.D.**  
Assistant Professor,  
P.G. & Research Dept. of Computer Science,  
St. Joseph's College of Arts & Science (Autonomous),  
CUDDALORE - 607 002.



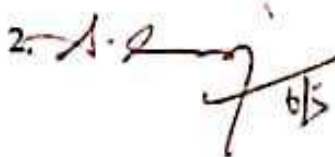
**HEAD OF THE DEPARTMENT**

Head, P.G. & Research Department of Computer Science,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore 607 002.

Submitted for the viva -voce examination held on.....06.05.2023.....

**EXAMINERS:**

1. 

2. 



**VIKIINFORMATIC**  
**SCHOOL OF COMPUTING AND SOFTSKILLS**  
**TN REGISTRATION 40/2015**



Date: 06-01-2023

**To Whomsoever It May Concern**

This is for the kind information that **Mr. KANNAN.T (A21MCS07)** from **Final M.Sc(Computer Science)** from **St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1** is appointed as Intern for the Project cum Internship Program from **January 2023 to April 2023**. During this Period, he will attend the training from 4 PM to 7 PM in our company and will be involved in Software Learning and Development with Research activities.

It is informed that the activities and data carried out during this internship Program is confidential at all times.

We Thank the college for their interest in our organisation.

All the Best for his Internship Program.



*Vikram*  
Head Trainer



vikiinformatic@gmail.com



+91 9080595933



#100, NETAJI ROAD, MANJAKUPPAM,  
CUDDALORE-607001.



<http://www.vikiinformatic.net>





**VIKIINFORMATIC**  
SCHOOL OF COMPUTING AND SOFTSKILLS  
TN REGISTRATION 40/2015

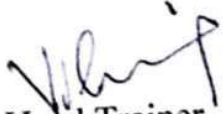


Date: 16-04-2023

*To Whomsoever it may Concern*

This is to Certify that **Mr. T. Kannan (A21MCS07)** of **Final M.Sc (Computer Science)** from **St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1** has successfully completed as Intern for the Project cum Internship Program from **06 January 2023 to 16 April 2023** on the title "**Client Management System**". On behalf of the Organisation, we appreciate the sincere work of the student to complete the project successfully. All the Best for the Completion of Internship Program.



  
Head Trainer

# **SECURE PATIENT DATA SHARING SCHEME ON CLOUD INFRASTRUCTURE**

**A Main-Project Report**

**Submitted for the partial fulfillment for the award of degree of  
MASTER OF SCIENCE IN COMPUTER SCIENCE**

**Submitted by  
B. KIRUBAKARAN  
(Reg No: A21MCS08)**

**Under the Guidance of  
Dr. A.R. JOHNSON DURAL, M.C.A., M.Phil., Ph.D.,  
Assistant Professor  
Post Graduate and Research Department of Computer science**



**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
**(Affiliated to Annamalai University- Annamalai Nagar)**  
**CUDDALORE-607001**  
**MAY-2023**

## CERTIFICATE

This is to certify that the Main Project  
entitled:

### SECURE PATIENT DATA SHARING SCHEME ON CLOUD INFRASTRUCTURE

Being submitted to:

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Annamalai University - Annamalai Nagar)

Submitted by:

**B. KIRUBAKARAN**  
(Reg No: A21MCS08)

For the Partial Fulfillment For the award of degree of  
**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Is a Bonafide record of work carried out by him,  
under my guidance and supervision

**INTERNAL GUIDE**

**Dr. A.R. JOHNSON DURAI, MCA, M.Phil, Ph.D.**  
Assistant Professor,  
P.G. & Research Dept. of Computer Science,  
St. Joseph's College of Arts & Science (Autonomous),  
CUDDALORE - 607 001.

**HEAD OF THE DEPARTMENT**

Dr. J. Jeyaraj, MCA, M.Phil, Ph.D.  
Head of the Department,  
St. Joseph's College of Arts & Science  
(Autonomous),  
CUDDALORE - 607 001.

Submitted for the viva-voce examination held on..... 6.5.23 .....

**EXAMINERS:**

1.

2.



**JP INFOTECH**

SOFTWARE DEVELOPMENT & CONSULTING

No. 28, Thiruvaiyarkarasi Street, Thirukanalai Nagar,  
Arumparambalam, Puducherry - 605 007, India  
Mobile : (+91)9852697690 | Web: [www.jpinfotech.org](http://www.jpinfotech.org)  
E-Mail: [jpinfotechconnect@gmail.com](mailto:jpinfotechconnect@gmail.com) | Blog: <http://jpinfotech.blogspot.com>

DATE: 15/04/2023

REF #:JP2234

**TO WHOM SOEVER IT MAY CONCERN**

This is to Certify **Mr. B.KIRUBAKARAN** studying Final year M.Sc. (Computer Science) in **St. Joseph's College of arts and science (Autonomous) , Cuddalore-1**, with Roll. No. **A21MCS08** has successfully **COMPLETED** his Intern for the Project cum Internship Program in **JAVA** Technology with project entitled **Secure patient data sharing scheme on cloud infrastructure** at **JP INFOTECH**, Puducherry. His Project Training was made under the guidance of **Mr. NARESH**, Java Team Lead, JP INFOTECH, Puducherry, from **09/01/2023** to **14/04/2023**.

During the project period, he had shown his interest and dedication towards learning new technologies. I wish him for the successful completion of the project and to be a part of our organization.



With Regards,

*R. Jayaprakash*

Dr. R.JAYAPRAKASH (B.E., MBA, M.Tech, Ph.D.)

Managing Director, JP-INFOTECH



**STUDENT DETECTION AND MAINTENANCE IN**

**COLLEGE CROWD**

A Main-Project Report

Submitted for the partial fulfillment for the award of degree of

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**S. MADHUMITHA (Reg No: A21MCS09)**

Under the Guidance of

**Mr. A. ARUN BENEDICT, M.Sc., M.Phil.,**

(Assistant Professor, Post Graduate and Research Department of Computer Science)



**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE(AUTONOMOUS)**

(Affiliated to Annamalai University-Annamalai Nagar)

**CUDDALORE- 607001**

**MAY-2023**

## CERTIFICATE

This is to certify that the Main-Project entitled

### STUDENT DETECTION AND MAINTENANCE IN COLLEGE CROWD

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),  
(Affiliated to Annamalai University – Annamalai Nagar)

By

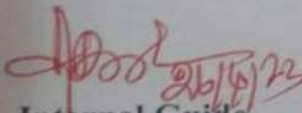
**S. MADHUMITHA (Reg No: A21MCS09)**

For the partial Fulfillment for the award of degree of

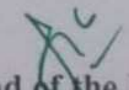
### MASTER OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by her,

Under My guidance and supervision.

  
Internal Guide

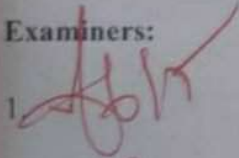
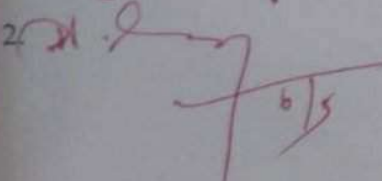
**A. ARUN BENEDICT, M.Sc., B.Ed., M.Phil.,**  
Assistant Professor,  
PG and Research Department of Computer Science,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607 001.

  
Head of the Department

**Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil., Ph.D.**  
Head, PG and Research Department of Computer Science,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

Submitted for the viva-voce examination on 06.05.2023

Examiners:

1.   
2. 



# VIKIEME MULTI RESEARCH SERVICES

FR/CUDDALORE/73/2021

I.K.I.E.M.E

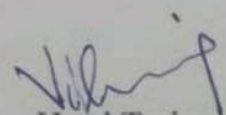
Date:

Date: 16-04-2023

*To Whomsoever it may Concern*

This is to Certify that **Ms. S. Madhumitha (A21MCS09)** of **Final M.Sc (Computer Science)** from **St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1** has successfully completed as Intern for the Project cum Internship Program from **06 January 2023 to 16 April 2023** on the title **"Student Detection and Maintenance in College Crowd"**. On behalf of the Organisation, we appreciate the sincere work of the student to complete the project successfully. All the Best for the Completion of Internship Program.



  
Head Trainer



**V.I.K.I.E.M.E**

MULTI RESEARCH SERVICES

# VIKIEME MULTI RESEARCH SERVICES

FR/CUDDALORE/73/2021

Date: 06.01.2023

## To Whomsoever It May Concern

This is for the kind information that **Ms. MADHUMITHA.S (A21MCS09)** from **Final M.Sc(Computer Science)** from **St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1** is appointed as Intern for the Project cum Internship Program from **January 2023 to April 2023**. During this Period, she will attend the training from 4 PM to 7 PM in our company and will be involved in Software Learning and Development with Research activities.

It is informed that the activities and data carried out during this internship Program is confidential at all times.

We Thank the college for their interest in our organisation.

All the Best for her Internship Program.



*Vikram*  
Head Trainer



# **COLLEGE ADMISSION SYSTEM**

A Main-Project Report

Submitted for the partial fulfillment for the award of degree of

## **MASTER OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**K. PADMAJAYANI (Reg No: A21MCS10)**

Under the Guidance of

**Mr. A. ARUN BENEDICT, M.Sc., M.Phil.,**

(Assistant Professor, Post Graduate and Research Department of Computer Science)



**PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE**

**ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University- Annamalai Nagar)

**CUD DALORE- 607 001**

**MAY -2023**

## CERTIFICATE

This is to certify that the Main-Project entitled

### COLLEGE ADMISSION SYSTEM

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Annamalai University – Annamalai Nagar)

By

**K.PADMAJAYANI (Reg No: A21MCS10)**

For the partial Fulfillment for the award of degree of

### MASTER OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by her,

Under My guidance and supervision.

  
Internal Guide

**A. ARUN BENEDICT, B.Sc., M.Sc., M.Phil., Ph.D.**  
Assistant Professor,  
P.G. and Research Department of Computer Science,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

  
Head of the Department

**Dr. M. ANITHA, B.Sc., M.Sc., M.Phil., Ph.D.**  
Head, P.G. and Research Department of Computer Science,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607 001.

Submitted for the viva-voce examination on 06.05.2023

Examiners:

1. 

2. 

Date:

**Date: 16-04-2023**

**To Whomsoever it may Concern**

This is to Certify that **Ms. K. Padmajayani (A21MCS10)** of **Final M.Sc (Computer Science)** from **St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1** has successfully completed as Intern for the Project cum Internship Program from **06 January 2023 to 16 April 2023** on the title **"College Admission and Chat Box System"**. On behalf of the Organisation, we appreciate the sincere work of the student to complete the project successfully. All the Best for the Completion of Internship Program.

  
Head Trainer



**EFFICIENT DATA VERIFICATION AND DYNAMIC DATA MANAGEMENT  
IN CLOUD SERVICES USING SPLIT-BLOCK TECHNIQUES**

A Main-Project Report

Submitted for the partial fulfillment for the award of degree of

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**R. PREETHA**

(Reg No: A21MCS11)

Under the Guidance of

**Dr. J. JAYAPAL, M.C.A., D.M.E., M.Phil., Ph.D.,**

(Assistant Professor, Post Graduate and Research Department of Computer science)



**PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University—Annamalai Nagar)

CUDDALORE-607001

MAY-2023



# CERTIFICATE

This is to certify that the Main-Project entitled

## **EFFICIENT DATA VERIFICATION AND DYNAMIC DATA MANAGEMENT IN CLOUD SERVICES USING SPLIT-BLOCK TECHNIQUES**

Being submitted to

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University-Annamalai Nagar)

Submitted by

**R. PREETHA**


(Reg No: A21MCS11)


For the Partial Fulfillment For the award of degree of

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Is a Bonafide record of work carried out by her,

under my guidance and supervision

  
**INTERNAL GUIDE**  
**Dr. J. JAYAPAL**, M.C.A., M.Phil., Ph.D.  
Assistant Professor  
PG & Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

  
**HEAD OF THE DEPARTMENT**  
**Dr. M. ARUN KUMAR**, M.C.A., M.Phil., Ph.D.  
Head, PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

Submitted for the viva -voce examination held on.....6.5.2023.....

### EXAMINERS:

1. 

2. 



**JP INFOTECH**

SOFTWARE DEVELOPMENT & RESEARCH DIVISION

No.: 28, Thirunavukarasar Street, Thirukuralar Nagar,  
Arumparthapuram, Puducherry - 605 110, India.

Mobile: (+91)9952649690 | Web: [www.jpinfotech.org](http://www.jpinfotech.org)

E-Mail: [jpinfotechprojects@gmail.com](mailto:jpinfotechprojects@gmail.com) | Blog: <http://jpinfotech.blogspot.com>

DATE: 15/04/2023

REF #:JP2237

TO WHOM SOEVER IT MAY CONCERN

This is to Certify Ms. R.PREETHA studying Final year M.Sc. (Computer Science) in St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1, with Roll, No. A21MCS11, has successfully COMPLETED her Intern for the Project cum Internship Program in JAVA Technology, with project entitled: "Efficient Data Verification and Dynamic Data Management in Cloud Services Using Split - Block Techniques" at JP INFOTECH, Puducherry. Her Project Training was made under the guidance of Mr. NARESH, Java Team Lead, JP INFOTECH, Puducherry, from 09/01/2023 to 14/04/2023.

During the project period, she had shown her interest and dedication towards learning new technologies. I wish her for the successful completion of the project and to be a part of our organization.



With Regards,

Dr. R.JAYAPRAKASH BE,MBAM,Tech,Ph.D.,

Managing Director, JP INFOTECH.



**SJC-IIC**

A Main-Project Report

Submitted for the partial fulfillment for the award of degree of

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

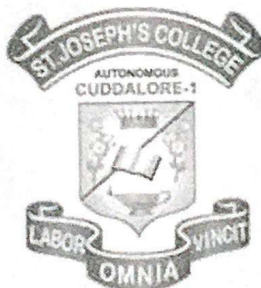
**B. PUNITH KUMAR**

(Reg No: A21MCS12)

Under the Guidance of

**Dr. J. JAYAPAL, M.C.A., D.M.E., M.Phil., Ph.D.,**

(Assistant Professor, Post Graduate and Research Department of Computer science)



**Post Graduate & Research Department of Computer Science**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University-Annamalai Nagar)

CUDDALORE-607001

MAY-2023



## CERTIFICATE

This is to certify that the Main-Project entitled

**SJC-IIC**

Being submitted to

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University-Annamalai Nagar)

Submitted by

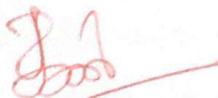
**B. PUNITH KUMAR**

(Reg No: A21MCS12)

For the Partial Fulfillment For the award of degree of

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Is a Bonafide record of work carried out by him,  
under my guidance and supervision

  
**INTERNAL GUIDE**  
**Dr. J. JAYAPAL, M.C.A., M.Phil., Ph.D.**  
Assistant Professor  
PG & Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

  
**HEAD OF THE DEPARTMENT**  
**Dr. M. ARUMAI SELVAM, M.Sc. (Maths), M.Sc. (CS), B.Phil. (CS), Ph.D.**  
Head, PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

Submitted for the viva -voce examination held on... 06.05.2023 ...Cuddalore-607 001.

**EXAMINERS:**

1. 

2. 

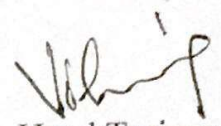


Date: 16-04-2023

To Whomsoever it may Concern

This is to Certify that **Mr. B. Punithkumar (A21MCS12)** of **Final M.Sc (Computer Science)** from **St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1** has successfully completed as Intern for the Project cum Internship Program from **06 January 2023 to 16 April 2023** on the title **"Innovations Institution Council"**. On behalf of the Organisation, we appreciate the sincere work of the student to complete the project successfully. All the Best for the Completion of Internship Program.



  
Head Trainer

# **HAND GESTURE RECOGNITION AND CONTROL SYSTEM**

A Main Project Report

Submitted for the partial fulfilment for the award of degree of

## **MASTER OF SCIENCE IN COMPUTER SCIENCE**

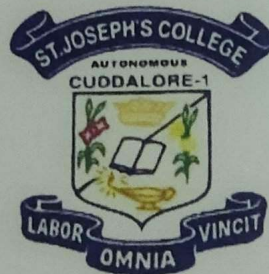
Submitted by

**B. PUNITHA (Reg No: A21MCS13)**

Under the Guidance of

**Dr. A. VICTORIA ANAND MARY M.C.A., M.Phil., B.Ed., SET, Ph.D.,**

(Assistant Professor, Post Graduate and Research Department of Computer Science)



**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE(AUTONOMOUS)**

(Affiliated to Annamalai University-Annamalai Nagar)

**CUDDALORE- 607001**

**MAY-2023**



## CERTIFICATE

This is to certify that the Main Project entitled

### HAND GESTURE RECOGNITION AND CONTROL SYSTEM

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Annamalai University – Annamalai Nagar)

By

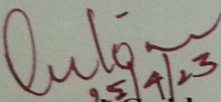
**B. PUNITHA (Reg No: A21MCS13)**

For the partial fulfilment for the award of degree of

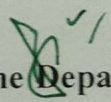
### MASTER OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by her,

Under my guidance and supervision.

  
Internal Guide

Dr. A. VICTORIA ANAND MARY M.C.A., M.Phil., B.Ed., SET, Ph.D.,  
Assistant Professor  
PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore-607001

  
Head of the Department

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,  
Head, PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

Submitted for the viva-voce examination on 06.05.2023

Examiners:

1. 

2. 





**V.I.K.I.E.M.E**

MULTI RESEARCH SERVICES

**VIKIEME MULTI RESEARCH SERVICES**

FR/CUDDALORE/73/2021

Date: 06.01.2023

**To Whomsoever It May Concern**

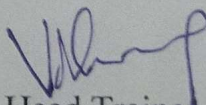
This is for the kind information that **Ms. PUNITHA.B (A21MCS13)** from **Final M.Sc(Computer Science)** from **St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1** is appointed as Intern for the Project cum Internship Program from **January 2023 to April 2023**. During this Period, she will attend the training from 4 PM to 7 PM in our company and will be involved in Software Learning and Development with Research activities.

It is informed that the activities and data carried out during this internship Program is confidential at all times.

We Thank the college for their interest in our organisation.

All the Best for her Internship Program.



  
Head Trainer





VIKIEME MULTI RESEARCH SERVICES  
FR/CUDDALORE/73/2021

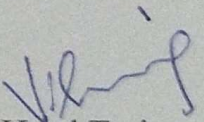
V.I.K.I.E.M.E

Date:

Date: 16-04-2023

To Whomsoever it may Concern

This is to Certify that **Ms. B. Punitha (A21MCS13)** of **Final M.Sc (Computer Science)** from **St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1** has successfully completed as Intern for the Project cum Internship Program from **06 January 2023 to 16 April 2023** on the title "**Hand Gesture Recognition and Control System**". On behalf of the Organisation, we appreciate the sincere work of the student to complete the project successfully. All the Best for the Completion of Internship Program.

  
Head Trainer





# **ONLINE SHOPPING PORTAL**

A Main Project Report

Submitted for the partial fulfillment for the award of degree of

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**B.RAJKUMAR ( REG NO : A21MCS14)**

Under the Guidance of

**Dr. A. VICTORIA ANAND MARY M.C.A., M.Phil., B.Ed., SET, Ph.D.,**

(Assistant Professor, Post Graduate and Research Department of Computer Science)



**PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University- Annamalai Nagar)

**CUDDALORE- 607001**

**MAY-2023**

## CERTIFICATE

This is to certify that the Main-Project entitled

### ONLINE SHOPPING PORTAL

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous),**  
(Affiliated to Annamalai University-Annamalai Nagar)

By

**B.RAJKUMAR (Reg No: A21MCS14)**

For the partial Fulfillment for the award of degree of

### MASTER OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by him,  
Under My guidance and supervision.

  
Internal Guide

**D. ANITHA ANAND MATH** B.A., B.M., B.Ed., M.A.,  
Assistant Professor  
PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607001

  
Head of the Department

**Dr. MADHUKAR SELVARAJ** M.A., M.Ed., M.B.A., M.Phil., Ph.D.,  
Head, PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607001.

Submitted for the viva-voce examination held on 06-05-2023

Examiners:

1. 

2. 

## CERTIFICATE OF COMPLETION

This to certify that **B. RAJKUMAR**, a student pursuing 2nd year **MSC** in the stream of **COMPUTER SCIENCE** from **St. Joseph's College of Arts and Science** has attended an Internship and learned the essentials of "**WEB DEVELOPMENT**" at **CLOUDLOGIC TECHNOLOGIES PVT LTD**, Puducherry for the period of 1 week.

During the span, we found you to be a punctual and hardworking person. Our feedback and evaluation proved that you learned swiftly and keenly.

We wish you great success in your future professional endeavors.

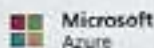
Regards,



Ms. Aishwarya Naveen

Project Manager

Cloudlogic Technologies Pvt Ltd.



(Microsoft Azure Partner, AWS Registered Partner, Google Cloud Certified)

No: 27 & 28 Bajanai madam street, Ellaipillaichavady, Puducherry - 605005.



# **HATE SPEECH ON FACEBOOK USING SENTIMENT AND EMOTION ANALYSIS**

A Main Project Report

Submitted for the partial fulfillment for the award of degree of

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**R.SINDHUJA ( REG NO : A21MCS15)**

Under the Guidance of

**Mr. S. ANTONY JONES M.C.A., M.Phil., SET.,**

(Assistant Professor, Post Graduate and Research Department of Computer Science)



**PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University-Annamalai Nagar)

**CUDDALORE- 607001**

**MAY-2023**

# CERTIFICATE

This is to certify that the Main-Project entitled  
**HATE SPEECH ON FACEBOOK USING SENTIMENT AND EMOTION  
ANALYSIS**

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous),**  
(Affiliated to Annamalai University-Annamalai Nagar)

By

**R.SINDHUJA (Reg No: A21MCS15)**

For the partial Fulfillment for the award of degree of

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Is a Bonafide record of work carried out by her,  
Under My guidance and supervision.



**Internal Guide**

**S. ANTONY JONES, M.C.A., M.Phil.,**  
Assistant Professor,  
P.G. & Research Dept. of Computer Science,  
St. Joseph's College of Arts & Science (Autonomous),  
CUDDALORE - 607 001.



**Head of the Department**

Dr. S. JOTHILAKSHMI, M.A., M.Phil.,  
Head, P.G. and Research Department of Computer Science,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001

Submitted for the viva-voce examination held on 06.05.2023

**Examiners:**

1. 

2. 



**JP INFOTECH**

SOFTWARE DEVELOPMENT & RESEARCH DIVISION

No.: 28, Thirunavukarasar Street, Thirukuralar Nagar,  
Arumparthapuram, Puducherry – 605 110, India.  
Mobile: (+91)9952649690 | Web: [www.jpinfotech.org](http://www.jpinfotech.org)  
E-Mail: [jpinfotechprojects@gmail.com](mailto:jpinfotechprojects@gmail.com) | Blog: <http://jpinfotech.blogspot.com>

---

DATE: 09/01/2023

REF #:JP2233

**TO WHOM SOEVER IT MAY CONCERN**

This is to Certify **Ms. SINDHUJA.R** studying Final year M.Sc. (Computer Science) in **St. Joseph's College of arts and science (Autonomous) , Cuddalore-1.**, with **Roll. No. A21MCS15**, is appointed as Intern for the Project cum Internship Program from **January 2023 to April 2023** at JP INFOTECH. His Internship will be made under the guidance of **Mr. NARESH**, Java Team Lead, JP INFOTECH, Puducherry.

We wish him for the successful completion of the Project and to be a part of our organization.



With Regards,

Dr. RJAYAPRAKASH BE.MBA,M.Tech,Ph.D.

Managing Director, JP INFOTECH.



**JP INFOTECH**

SOFTWARE DEVELOPMENT & RESEARCH DIVISION

No.: 28, Thirunavukarasar Street, Thirukuralar Nagar,

Arumparthapuram, Puducherry – 605 110, India.

Mobile: (+91)9952649690 | Web: [www.jpinfotech.org](http://www.jpinfotech.org)

E-Mail: [jpinfotechprojects@gmail.com](mailto:jpinfotechprojects@gmail.com) | Blog: <http://jpinfotech.blogspot.com>

DATE: 15/04/2023

REF #JP2233

**TO WHOM SOEVER IT MAY CONCERN**

This is to Certify **Ms. SINDHUJA.R** studying Final year M.Sc. (Computer Science) in **St. Joseph's College of arts and science (Autonomous) , Cuddalore-1,,** with **Roll. No. A21MCS15**, has successfully **COMPLETED** her Intern for the Project cum Internship Program in **JAVA** Technology, with project entitled: "**Hate speech on Facebook using sentiment and emotional analysis**" at JP INFOTECH, Puducherry. Her Project Training was made under the guidance of **Mr. NARESH**, Java Team Lead, JP INFOTECH, Puducherry, from **09/01/2023** to **14/04/2023**.

During the project period, she had shown her interest and dedication towards learning new technologies. I wish her for the successful completion of the project and to be a part of our organization.



With Regards,

Dr. RJAYAPRAKASH BEMBA M.Tech, Ph.D.,

Managing Director, JP INFOTECH.





**JP INFOTECH**

SOFTWARE DEVELOPMENT & RESEARCH DIVISION

No.: 28, Thirunavukarasar Street, Thirukuralar Nagar,

Arumparthapuram, Puducherry – 605 110, India.

Mobile: (+91)9952649690 | Web: [www.jpinfotech.org](http://www.jpinfotech.org)

E-Mail: [jpinfotechprojects@gmail.com](mailto:jpinfotechprojects@gmail.com) | Blog: <http://jpinfotech.blogspot.com>

DATE: 15/04/2023

REF #:JP2233

**TO WHOM SOEVER IT MAY CONCERN**

This is to Certify **Ms. SINDHUJA.R** studying Final year M.Sc. (Computer Science) in **St. Joseph's College of arts and science (Autonomous) , Cuddalore-1.** with **Roll. No. A21MCS15**, has successfully **COMPLETED** her Intern for the Project cum Internship Program in **JAVA** Technology. The attendance details are given below:

JANUARY 2023 - 09, 10, 11, 12, 18, 21, 22, 24, 25, 26, 27, 28,30,31.

FEBRUARY 2023 - 1,2,3,6,7,8,9,10,13,14,15,16,17,20,21,22,23,24,27,28.

MARCH 2023 - 1,2,3,,6,7,8,9,10,13,14,15,16,17,20,21,22,23,24,,27,28,29,30,31

APRIL 2023 - ,3,4,5,6,7,10,11,12,13,14.



With Regards,

Dr. RJAYAPRAKASH BE,MBA,M.Tech,Ph.D.

Managing Director, JP INFOTECH

# **ENHANCING DATA PROTECTION IN CLOUD STORAGE THROUGH PUBLIC KEY ENCRYPTION WITH FORWARD SECURITY**

A Main Project Report

Submitted for the partial fulfillment for the award of degree of

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**S.SUVEADA ( REG NO : A21MCS16)**

Under the Guidance of

**Mr. S. ANTONY JONES M.C.A., M.Phil., SET.,**

(Assistant Professor, Post Graduate and Research Department of Computer Science)



**PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University-Annamalai Nagar)

**CUDDALORE- 607001**

**MAY-2023**

## CERTIFICATE

This is to certify that the Main-Project entitled

### ENHANCING DATA PROTECTION IN CLOUD STORAGE THROUGH PUBLIC KEY ENCRYPTION WITH FORWARD SECURITY

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous),**  
(Affiliated to Annamalai University-Annamalai Nagar)

By

**S.SUVEADA (Reg No: A21MCS16)**

For the partial Fulfillment for the award of degree of

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Is a Bonafide record of work carried out by her,  
Under My guidance and supervision.



**Internal Guide**

**S. ANTONY JONES, M.C.A., M.Phil.,**  
Assistant Professor,  
P.G. & Research Dept. of Computer Science,  
St. Joseph's College of Arts & Science (Autonomous),  
CUDDALORE - 607 001.



**Head of the Department**

**Dr. MANJUNATH SELVAM, M.Sc., M.A., M.Phil., M.Tech.,**  
Head, PG and Research Department of Computer Science,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

Submitted for the viva-voce examination held on 06/05/2023

**Examiners:**

1.   
2. 



**JP INFOTECH**

SOFTWARE DEVELOPMENT & RESEARCH DIVISION

No.: 28, Thirunavukarasar Street, Thirukuralar Nagar,  
Arumparthapuram, Puducherry – 605 110, India.  
Mobile: (+91)9952649690 | Web: [www.jpinfotech.org](http://www.jpinfotech.org)  
E-Mail: [jpinfotechprojects@gmail.com](mailto:jpinfotechprojects@gmail.com) | Blog: <http://jpinfotech.blogspot.com>

DATE: 09/01/2023

REF #JP2232

TO WHOM SOEVER IT MAY CONCERN

This is to Certify **Ms. S.SUVEADA** studying Final year M.Sc. (Computer Science) in **St. Joseph's College of arts and science (Autonomous) , Cuddalore-1,** with Roll. No. **A21MCS16**, is appointed as Intern for the Project cum Internship Program from **January 2023 to April 2023** at JP INFOTECH. His Internship will be made under the guidance of **Mr. NARESH**, Java Team Lead, JP INFOTECH, Puducherry.

We wish him for the successful completion of the Project and to be a part of our organization.



With Regards,

Dr. R.JAYAPRAKASH BE MBA, M.Tech, Ph.D.

Managing Director, JP INFOTECH.





**JP INFOTECH**

SOFTWARE DEVELOPMENT & RESEARCH DIVISION

No.: 28, Thirunavukarasar Street, Thirukuralar Nagar,  
Arumparthapuram, Puducherry – 605 110, India.  
Mobile: (+91)9952649690 | Web: [www.jpinfotech.org](http://www.jpinfotech.org)  
E-Mail: [jpinfotechprojects@gmail.com](mailto:jpinfotechprojects@gmail.com) | Blog: <http://jpinfotech.blogspot.com>

---

DATE: 15/04/2023

REF #:JP2232

**TO WHOM SOEVER IT MAY CONCERN**

This is to Certify **Ms. S.SUVEADA** studying Final year M.Sc. (Computer Science) in **St. Joseph's College of arts and science (Autonomous) , Cuddalore-1,,** with Roll. No. **A21MCS16**, has successfully **COMPLETED** her Intern for the Project cum Internship Program in **JAVA** Technology, with project entitled: **"Enhancing Data Protection in Cloud Storage Through Public key Encryption with forward Security"** at JP INFOTECH, Puducherry. Her Project Training was made under the guidance of **Mr. NARESH**, Java Team Lead, JP INFOTECH, Puducherry, from **09/01/2023** to **14/04/2023**.

During the project period, she had shown her interest and dedication towards learning new technologies. I wish her for the successful completion of the project and to be a part of our organization.



With Regards,

Dr. RJAYAPRAKASH BEMBAM.Tech,Ph.D.,

Managing Director, JP INFOTECH.



**JP INFOTECH**

SOFTWARE DEVELOPMENT & RESEARCH DIVISION

No.: 28, Thirunavukarasar Street, Thirukuralar Nagar,

Arumparthapuram, Puducherry – 605 110, India.

Mobile: (+91)9952649690 | Web: [www.jpinfotech.org](http://www.jpinfotech.org)

E-Mail: [jpinfotechprojects@gmail.com](mailto:jpinfotechprojects@gmail.com) | Blog: <http://jpinfotech.blogspot.com>

DATE: 15/04/2023

REF #:JP2232

**TO WHOM SOEVER IT MAY CONCERN**

This is to Certify **Ms. S.SUVEADA** studying Final year M.Sc. (Computer Science) in **St. Joseph's College of arts and science (Autonomous) , Cuddalore-1.,** with **Roll. No. A21MCS16,** has successfully **COMPLETED** her Intern for the Project cum Internship Program in **JAVA** Technology. The attendance details are given below:

JANUARY 2023 - 09, 10, 11, 12, 18, 21, 22, 24, 25, 26, 27, 28,30,31.

FEBRUARY 2023 - 1,2,3,6,7,8,9,10,13,14,15,16,17,20,21,22,23,24,27,28.

MARCH 2023 - 1,2,3,,6,7,8,9,10,13,14,15,16,17,20,21,22,23,24,,27,28,29,30,31

APRIL 2023 – ,3,4,5,6,7,10,11,12,13,14.



With Regards,

Dr. R.JAYAPRAKASH BE,MBA,M.Tech,Ph.D.,

Managing Director, JP INFOTECH.

# **RACISM DETECTION ON TWITTER DATA WITH STANFORD NLP AND BOW**

A Main-Project Report

Submitted for the partial fulfilment for the award of degree of  
**MASTER OF SCIENCE IN COMPUTER SCIENCE**

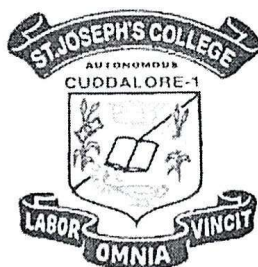
Submitted by

**S.VISHNURAM(Reg No: A21MCS17)**

Under the Guidance of

**Dr. S. MUTHUKUMARAN M.Sc. (IT), M.Phil., Ph.D.,**

(Assistant Professor,Post Graduate and Research Department of Computer Science)



**PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University-Annamalai Nagar)

**CUDDALORE- 607001**

**MAY-2023**

## CERTIFICATE

This is to certify that the Main-Project entitled

### RACISM DETECTION ON TWITTER DATA WITH STANFORD NLP AND BOW

Being submitted to

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE(AUTONOMOUS)**

(Affiliated to Annamalai University-Annamalai nagar)

Submitted by

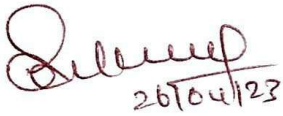
**S.VISHNURAM (REG NO : A21MCS17)**

For the partial Fulfilment for the award of degree of

### MASTER OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by him,

Under My guidance and supervision.

  
26/04/23

**Internal Guide**

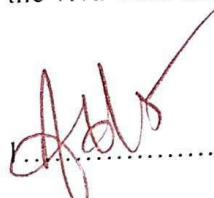
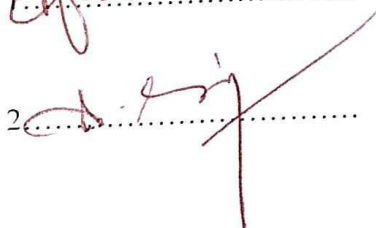
**Dr. S. MUTHUKUMARAN**, M.Sc.(IT), M.Phil., Ph.D.,  
Assistant Professor  
PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

  
**Head of the Department**

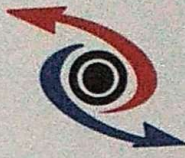
**Dr. M. ARUMUGAM SELVAM**, M.Sc.(Hlth), M.Sc.(CS), M.Phil.(CS), Ph.D.,  
Head, PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

Submitted for the viva-voce examination on 06.05.2023

**Examiners:**

  
.....  
  
2.....





**JP INFOTECH**

SOFTWARE DEVELOPMENT & RESEARCH DIVISION

No.: 28, Thirunavukarasar Street, Thirukuralar Nagar,  
Arumparthapuram, Puducherry – 605 110, India.

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E-Mail: [jpinfotechprojects@gmail.com](mailto:jpinfotechprojects@gmail.com) | Blog: <http://jpinfotech.blogspot.com>

DATE: 15/04/2023

REF #:JP2231

**TO WHOM SOEVER IT MAY CONCERN**

This is to Certify **Mr. S.VISHNURAM** studying Final year M.Sc. (Computer Science) in **St. Joseph's College of arts and science (Autonomous) , Cuddalore-1,,** with **Roll. No. A21MCS17**, has successfully **COMPLETED** his Intern for the Project cum Internship Program in **JAVA** Technology. The attendance details are given below:

JANUARY 2023 - 09, 10, 11, 12, 18, 21, 22, 24, 25, 26, 27, 28,30,31.

FEBRUARY 2023 - 1,2,3,6,7,8,9,10,13,14,15,16,17,20,21,22,23,24,27,28.

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APRIL 2023 – ,3,4,5,6,7,10,11,12,13,14.

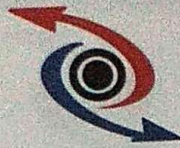


With Regards,

Dr. R.JAYAPRAKASH BE,MBA,M.Tech.,Ph.D.,

Managing Director, JP INFOTECH.





**JP INFOTECH**

SOFTWARE DEVELOPMENT & RESEARCH DIVISION

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DATE: 15/04/2023

REF #:JP2231

**TO WHOM SOEVER IT MAY CONCERN**

This is to Certify **Mr. S.VISHNURAM** studying Final year M.Sc. (Computer Science) in **St. Joseph's College of arts and science (Autonomous) , Cuddalore-1,, with Roll. No. A21MCS17**, has successfully **COMPLETED** his Intern for the Project cum Internship Program in **JAVA** Technology, with project entitled: "**Racism detection on Twitter data with Stanford NLP and bow**" at JP INFOTECH, Puducherry. His Project Training was made under the guidance of **Mr. NARESH**, Java Team Lead, JP INFOTECH, Puducherry, from **09/01/2023** to **14/04/2023**.

During the project period, he had shown his interest and dedication towards learning new technologies. I wish him for the successful completion of the project and to be a part of our organization.



With Regards,

*R. Jayaprakash*  
Dr. R.JAYAPRAKASH BE,MBA,M.Tech.,Ph.D.,

Managing Director, JP INFOTECH.



# **SECURE ACCESS OF ENCRYPTED FILES ON CLOUD SERVICE USING DUAL-SERVER PUBLIC-KEY AUTHENTICATION**

A Main-Project Report

Submitted for the partial fulfilment for the award of degree of

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**LANTONY AROCKIA AMAL RAJ (Reg No: A21MCS18)**

Under the Guidance of

**Dr. S. MUTHUKUMARAN M.Sc. (IT), M.Phil., Ph.D.,**

(Assistant Professor, Post Graduate and Research Department of Computer Science)



**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE(AUTONOMOUS)**

(Affiliated to Annamalai University-Annamalai Nagar)

**CUDDALORE- 607001**

**MAY-2023**

# CERTIFICATE

This is to certify that the Main-Project entitled

## SECURE ACCESS OF ENCRYPTED FILES ON CLOUD SERVICE USING DUAL-SERVER PUBLIC-KEY AUTHENTICATION

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Annamalai University – Annamalai Nagar)

By

**L.ANTONY AROCKIA AMAL RAJ (Reg No: A21MCS18)**

For the partial Fulfilment for the award of degree of

## MASTER OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by him,

Under My guidance and supervision.

  
26/04/23  
**Internal Guide**  
**Dr. S. MUTHUKUMARAN**, M.Sc.(IT), M.Phil, Ph.D.,  
Assistant Professor  
PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

  
**Head of the Department**  
**Dr. L. JAYASINATHAN**, M.Sc.(IT), M.Phil, Ph.D.,  
Head, PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

Submitted for the viva-voce examination held on 06.05.2023

**Examiners:**

1. 

2. 





**JP INFOTECH**

SOFTWARE DEVELOPMENT & RESEARCH DIVISION

No.: 28, Thirunavukarasar Street, Thirukuralar Nagar,  
Arumparthapuram, Puducherry – 605 110, India.

Mobile: (+91)9952649690 | Web: [www.jpinfotech.org](http://www.jpinfotech.org)

E-Mail: [jpinfotechprojects@gmail.com](mailto:jpinfotechprojects@gmail.com) | Blog: <http://jpinfotech.blogspot.com>

DATE: 15/04/2023

REF #:JP2245

TO WHOM SOEVER IT MAY CONCERN

This is to Certify **Mr. LANTONY AROCKIA AMAL RAJ** studying Final year, M.Sc. (Computer Science) in **St. Joseph's College of Arts and Science (Autonomous)**, **Cuddalore-1**, with Roll. No. **A21MCS18**, has successfully **COMPLETED** his Intern for the Project cum Internship Program in **JAVA** Technology. The attendance details are given below:

JANUARY 2023 - 09, 10, 11, 12, 18, 21, 22, 24, 25, 26, 27, 28,30,31.

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MARCH 2023 - 1,2,3,,6,7,8,9,10,13,14,15,16,17,20,21,22,23,24,,27,28,29,30,31

APRIL 2023 – ,3,4,5,6,7,10,11,12,13,14.



With Regards,

Dr. R.JAYAPRAKASH BE,MBA,M.Tech,Ph.D.,

Managing Director, JP INFOTECH.



**JP INFOTECH**  
SOFTWARE DEVELOPMENT & RESEARCH DIVISION

No.: 28, Thirunavukarasar Street, Thirukuralar Nagar,  
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E-Mail: [jpinfotechprojects@gmail.com](mailto:jpinfotechprojects@gmail.com) | Blog: <http://jpinfotech.blogspot.com>

DATE: 15/04/2023

REF #:JP2245

TO WHOM SOEVER IT MAY CONCERN

This is to Certify **Mr. LANTONY AROCKIA AMAL RAJ** studying Final year, M.Sc. (Computer Science) in **St. Joseph's College of Arts and Science (Autonomous)**, **Cuddalore-1**, with Roll. No. **A21MCS18**, has successfully **COMPLETED** his Intern for the Project cum Internship Program in **JAVA** Technology, with project entitled: "**Secure Access of Encrypted Files on Cloud Service using Dual-Server Public-Key Authentication**" at **JP INFOTECH**, Puducherry. His Project Training was made under the guidance of **Mr. NARESH**, Java Team Lead, **JP INFOTECH**, Puducherry, from **09/01/2023** to **14/04/2023**.

During the project period, he had shown his interest and dedication towards learning new technologies. I wish him for the successful completion of the project and to be a part of our organization.



With Regards,

Dr. RJAYAPRAKASH BE,MBA,M.Tech.,Ph.D.,

Managing Director, JP INFOTECH.

# **GROUP DATA SHARING WITH DYNAMIC SECRET KEY AND TIME STAMP**

A Main-Project Report

Submitted for the partial fulfillment for the award of degree of

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**A. PREETHA (Reg No: A21MCS19)**

Under the Guidance of

**Mrs. J. HEMALATHA M.Sc(IT), M.Phil.**

(Assistant Professor, Post Graduate and Research Department of Computer Science)



**PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE(AUTONOMOUS)**

(Affiliated to Annamalai University-Annamalai Nagar)

CUDDALORE- 607001

MAY -2023



## CERTIFICATE

This is to certify that the Main-Project entitled

### GROUP DATA SHARING WITH DYNAMIC SECRET KEY AND TIME STAMP

Being submitted to

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE(AUTONOMOUS)**

(Affiliated to Annamalai University – Annamalai Nagar)

By

**A. PREETHA**

(Reg No: A21MCS19)

For the partial Fulfillment for the award of degree of

### MASTER OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by her,

Under My guidance and supervision.

*Hemalatha*  
**INTERNAL GUIDE**  
ASSISTANT

PG & Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

*[Signature]*  
**HEAD OF THE DEPARTMENT**

*[Faint Stamp]*  
Dr. N. JAYARAJ, M.Sc (Maths), M.Phil (Maths), Ph.D.  
Head PG and Research - Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

Submitted for the viva-voce examination held on 06-05-2023

#### EXAMINERS:

1. *[Signature]*

2. *[Signature]*





**JP INFOTECH**

SOFTWARE DEVELOPMENT & RESEARCH DIVISION

No.: 28, Thirunavukarasar Street, Thirukuralar Nagar,  
Arumparthapuram, Puducherry - 605 110, India.

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E-Mail: [jpinfotechprojects@gmail.com](mailto:jpinfotechprojects@gmail.com) | Blog: <http://jpinfotech.blogspot.com>

DATE: 15/04/2023

REF #:JP2238

**TO WHOM SOEVER IT MAY CONCERN**

This is to Certify **Ms. A. PREETHA** studying Final year M.Sc. (Computer Science) in **St. Joseph's College of arts and science (Autonomous) , Cuddalore-1**, with **Roll. No. A21MCS19**, has successfully **COMPLETED** her Intern for the Project cum Internship Program in **JAVA** Technology, with project entitled: "**Group data sharing with dynamic secret key and time stamp**" at JP INFOTECH, Puducherry. Her Project Training was made under the guidance of **Mr. NARESH**, Java Team Lead, JP INFOTECH, Puducherry, from **09/01/2023 to 14/04/2023**.

During the project period, she had shown her interest and dedication towards learning new technologies. I wish her for the successful completion of the project and to be a part of our organization.



With Regards,

Dr. R.JAYAPRAKASH BE,MBA,M Tech.,Ph.D.

Managing Director, JP INFOTECH.

# **A COMPREHENSIVE ANALYSIS OF DATA MINING AND ITS APPLICATION IN DIABETES DECISION SUPPORT SYSTEM**

A Main-Project Report

Submitted for the partial fulfillment for the award of degree of

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**A. AJITH KUMAR**  
(Reg No: A21MCS20)

Under the Guidance of

**Mrs. J. HEMALATHA, M.Sc.(IT)., M.Phil.,**  
(Assistant Professor, Post Graduate and Research Department of Computer science)



**Post Graduate & Research Department of Computer Science**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University-Annamalai Nagar)

CUDDALORE-607001

MAY-2023

# CERTIFICATE

This is to certify that the Main-Project entitled

## A COMPREHENSIVE ANALYSIS OF DATA MINING AND ITS APPLICATION IN DIABETES DECISION SUPPORT SYSTEMS.

Being submitted to

**St. Joseph's College of Arts and Science(Autonomous)**  
(Affiliated to Annamalai University-Annamalai Nagar)

By

**A.AJITHKUMAR (Reg No: A21MCS20)**

For the partial Fulfillment for the award of degree of

## MASTER OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by him,  
Under My guidance and supervision.

*Hemalatha*  
**Internal Guide**

PG and Research Dept.  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

*[Signature]*  
**Head of the Department**

**Dr. M. ARUMAI SELVAN, M.Sc.(Math), M.Sc.(CS), M.Phil., Ph.D.**  
Head, PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

Submitted for the viva-voce examination on 06/05/2023

**Examiners:**

1. *[Signature]*

2. *[Signature]*





**JP INFOTECH**  
SOFTWARE DEVELOPMENT & RESEARCH DIVISION

No.: 28, Thirunavukarasar Street, Thirukuralar Nagar,  
Arumparthapuram, Puducherry – 605 110, India.  
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E-Mail: [jpinfotechprojects@gmail.com](mailto:jpinfotechprojects@gmail.com) | Blog: <http://jpinfotech.blogspot.com>

DATE: 15/04/2023

REF #:JP2242

TO WHOM SOEVER IT MAY CONCERN

This is to Certify **Mr. AJITHKUMAR A** studying Final year M.Sc. (Computer Science) in **St. Joseph's College of arts and science (Autonomous)**, **Cuddalore-1**, with **Roll. No. A21MCS20**, has successfully **COMPLETED** his Intern for the Project cum Internship Program in **JAVA** Technology, with project entitled: "**A COMPREHENSIVE ANALYSIS OF DATA MINING AND ITS APPLICATION IN DIABETES DECISION SUPPORT SYSTEMS**" at JP INFOTECH, Puducherry. His Project Training was made under the guidance of **Mr. NARESH**, Java Team Lead, JP INFOTECH, Puducherry, from **09/01/2023** to **14/04/2023**.

During the project period, he had shown his interest and dedication towards learning new technologies. I wish him for the successful completion of the project and to be a part of our organization.



With Regards,

  
Dr. R. JAYAPRAKASH BEMBA.M.Tech.,Ph.D.

Managing Director, JP INFOTECH.





**JP INFOTECH**  
SOFTWARE DEVELOPMENT & RESEARCH DIVISION

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E-Mail: [jpinfotechprojects@gmail.com](mailto:jpinfotechprojects@gmail.com) | Blog: <http://jpinfotech.blogspot.com>

DATE: 15/04/2023

REF #:JP2242

**TO WHOM SOEVER IT MAY CONCERN**

This is to Certify **Mr. AJITHKUMAR A** studying Final year M.Sc. (Computer Science) in **St. Joseph's College of arts and science (Autonomous) , Cuddalore-1**, with **Roll. No. A21MCS20**, has successfully **COMPLETED** his Intern for the Project cum Internship Program in **JAVA** Technology. The attendance details are given below:

JANUARY 2023 - 09, 10, 11, 12, 18, 21, 22, 24, 25, 26, 27, 28,30,31.

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APRIL 2023 – ,3,4,5,6,7,10,11,12,13,14.



With Regards,

Dr. R.JAYAPRAKASH B.E,MBA,M.Tech.,Ph.D.,

Managing Director, JP INFOTECH.

**SECURE CLOUD STORAGE ACCESS CONTROL SYSTEM TO PROTECT  
AGAINST MALICIOUS DATA PUBLISHERS**

A Main Project Report

Submitted for the partial fulfillment for the award of degree of

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**S.SANTHOSH ( REG NO : A21MCS21)**

Under the Guidance of

**Dr. V. SUDHA M.Sc(IT)., M.Phil., Ph.D.,**

(Assistant Professor, Post Graduate and Research Department of Computer Science)



**PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE(AUTONOMOUS)**

(Affiliated to Annamalai University-Annamalai Nagar)

**CUDDALORE- 607001**

**MAY-2023**

## CERTIFICATE

This is to certify that the Main-Project entitled  
**SECURE CLOUD STORAGE ACCESS CONTROL SYSTEM TO PROTECT  
AGAINST MALICIOUS DATA PUBLISHERS**

Being submitted to

St. Joseph's College of Arts & Science (Autonomous)  
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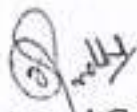
By

**S.SANTHOSH ( REG NO : A21MCS21)**


For the partial Fulfillment for the award of degree of

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Is a Bonafide record of work carried out by her,  
Under My guidance and supervision.



**Internal Guide**



**Head of the Department**

Dr. V. SUDHA DABUKUMAR, M.Sc. M.Phil. Ph.D  
P.G. & Research Department of Computer Science,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 002

Submitted for the viva-voce examination on 06/05/2023

**Examiners:**

1. 

2. 



**JP INFOTECH**  
SOFTWARE DEVELOPMENT & RESEARCH DIVISION

No.: 28, Thirunavukarasar Street, Thirukuralar Nagar,  
Arumparthapuram, Puducherry – 605 110, India.  
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E-Mail: [jpinfotechprojects@gmail.com](mailto:jpinfotechprojects@gmail.com) | Blog: <http://jpinfotech.blogspot.com>

---

DATE: 15/04/2023

REF #:JP2241

TO WHOM SOEVER IT MAY CONCERN

This is to Certify Mr. **SANTHOSH S** studying Final year M.Sc. (Computer Science) in St. Joseph's College of arts and science (Autonomous) , Cuddalore-1, with Roll. No. **A21MCS21**, has successfully **COMPLETED** his Intern for the Project cum Internship Program in **JAVA** Technology, with project entitled, "**Secure cloud storage access control system to protect against malicious and data publishers**" at JP INFOTECH, Puducherry. His Project Training was made under the guidance of Mr. **NARESH**, Java Team Lead, JP INFOTECH, Puducherry, from **09/01/2023** to **14/04/2023**.

During the project period, he had shown his interest and dedication towards learning new technologies. I wish him for the successful completion of the project and to be a part of our organization.



With Regards,

Dr. RJAYAPRAKASH BEMBAM, Tech. Ph.D.

Managing Director, JP INFOTECH.





**JP INFOTECH**

SOFTWARE DEVELOPMENT & RESEARCH DIVISION

No.: 28, Thirunavukarasar Street, Thirukuralar Nagar,  
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DATE: 15/04/2023

REF #:JP2241

TO WHOM SOEVER IT MAY CONCERN

This is to Certify Mr. SANTHOSH S studying Final year M.Sc. (Computer Science) in St. Joseph's College of arts and science (Autonomous) , Cuddalore-1. with Roll. No. A21MCS21, has successfully COMPLETED his Intern for the Project cum Internship Program in JAVA Technology. The attendance details are given below

JANUARY 2023 - 09, 10, 11, 12, 18, 21, 22, 24, 25, 26, 27, 28,30,31.

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APRIL 2023 - 3,4,5,6,7,10,11,12,13,14.



With Regards,

Dr. RJAYAPRAKASH BEMBA M.Tech, Ph.D.

Managing Director, JP INFOTECH

# **COLLEGE INFRASTRUCTURE MANAGEMENT**

A Main-Project Report

Submitted for the partial fulfilment for the award of degree of

## **MASTER OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**R. ANITHA (Reg No: A21MCS22)**

Under the Guidance of

**Dr. V. SUDHA M. Sc (IT), M.Phil., Ph.D.,**

(Assistant Professor, Post Graduate and Research Department of Computer science)



**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE(AUTONOMOUS)**

(Affiliated to Annamalai University-Annamalai Nagar)

**CUDDALORE- 607001**

**MAY- 2023**

## CERTIFICATE

This is to certify that the Main-Project entitled

## COLLEGE INFRASTRUCTURE MANAGEMENT

being submitted to

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University – Annamalai Nagar)

Submitted by

**R. ANITHA (Reg No: A21MCS22)**

For the partial Fulfilment for the award of degree of

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Is a Bonafide record of work carried out by her.

Under My guidance and supervision.

## Internal Guide

Head of the Department

Dr. V. SUDHA BABUKUMAR, MSc, MPhil, PhD  
P.G. & Research Department of Computer Science,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001

Submitted for the viva-voce examination held on 06.05.2023

**Examiners:**

15

2



V.I.K.I.E.M.E

# VIKIEME MULTI RESEARCH SERVICES

FR/CUDDALORE/73/2021

Date:

Date: 16-04-2023

To Whomsoever it may Concern

This is to Certify that **Ms. R. Anitha (A21MCS22)** of **Final M.Sc (Computer Science)** from **St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1** has successfully completed as Intern for the Project cum Internship Program from **06 January 2023 to 16 April 2023** on the title **"College Infrastructure Management"**. On behalf of the Organisation, we appreciate the sincere work of the student to complete the project successfully. All the Best for the Completion of Internship Program.



*Vikram*  
Head Trainer

E-Mail

vikiememrs@gmail.com

Website

www.vikieme.in



# **DUAL KEY PRIVACY PROTECTION MODEL FOR SECURE DATA TRANSFER IN CLOUD STORAGE**

A Main Project Report

Submitted for the partial fulfillment for the award of degree of

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**S.RAJAVEL ( REG NO : A21MCS23)**

Under the Guidance of

**Mrs. C. MARY SHAKKINA M.C.A., M.Phil, B.Ed.,**

(Guest Lecturer, Post Graduate and Research Department of Computer Science)



**PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE**

**ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University-Annamalai Nagar)

**CUDDALORE- 607001**

**MAY-2023**

## CERTIFICATE

This is to certify that the Main-Project entitled  
**DUAL KEY PRIVACY PROTECTION MODEL FOR SECURE DATA  
TRANSFER IN CLOUD STORAGE**

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous),**  
(Affiliated to Annamalai University-Annamalai Nagar)

By

**S.RAJAVEL (Reg No: A21MCS23)**

For the partial Fulfillment for the award of degree of

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Is a Bonafide record of work carried out by him,

Under My guidance and supervision.

*C. Mary Shakkina*  
**Internal Guide**

**Mrs. C. MARY SHAKKINA, M.C.A, M.Phil, B.Ed.,**  
**Guest Lecturer**  
PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

*[Signature]*  
**Head of the Department**

**Dr. MARUMAJ SELVAN, M.Sc, M.Phil, B.Ed.,**  
Head, PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

Submitted for the viva-voce examination held on 06/05/2023

**Examiners:**

1. *[Signature]*

2. *[Signature]*



**JP INFOTECH**

SOFTWARE DEVELOPMENT & RESEARCH DIVISION

No.: 28, Thirunavukarasar Street, Thirukuralar Nagar,

Arumparthapuram, Puducherry - 605 110, India.

Mobile: (+91)9952649690 | Web: [www.jpinfotech.org](http://www.jpinfotech.org)

E-Mail: [jpinfotechprojects@gmail.com](mailto:jpinfotechprojects@gmail.com) | Blog: <http://jpinfotech.blogspot.com>

DATE: 15/04/2023

REF #:JP2240

TO WHOM SOEVER IT MAY CONCERN

This is to Certify **Mr. RAJAVEL S** studying Final year M.Sc. (Computer Science) in **St. Joseph's College of arts and science (Autonomous)**, **Cuddalore-1**, with Roll. No. **A21MCS23**, has successfully **COMPLETED** his Intern for the Project cum Internship Program in **JAVA** Technology, with project entitled: "**DUAL KEY PRIVACY PROTECTION MODEL FOR SECURE DATA TRANSFER IN CLOUD STORAGE**" at **JP INFOTECH**, Puducherry. His Project Training was made under the guidance of **Mr. NARESH**, Java Team Lead, **JP INFOTECH**, Puducherry, from **09/01/2023** to **14/04/2023**.

During the project period, he had shown his interest and dedication towards learning new technologies. I wish him for the successful completion of the project and to be a part of our organization.



With Regards,

*Rajayaprakash*

Dr. R.JAYAPRAKASH BE, MBA, M Tech, Ph.D.

Managing Director, JP INFOTECH.

# **CRYPTOSHIELD THE SECURE CRYPTOGRAPHIC TRANSACTION PLATFORM**

**A Main Project Report**

**Submitted for the partial fulfillment for the award of degree of**

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

**Submitted by**

**P.SUBASH ( REG NO : A21MCS24)**

**Under the Guidance of**

**Mrs. C. MARY SHAKKINA M.C.A., M.Phil, B.Ed.,**

**(Guest Lecturer, Post Graduate and Research Department of Computer Science)**



**PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**(Affiliated to Annamalai University-Annamalai Nagar)**

**CUDDALORE- 607001**

**MAY-2023**



## CERTIFICATE

This is to certify that the Main-Project entitled

### **CRYPTOSHIELD THE SECURE CRYPTOGRAPHIC TRANSACTION PLATFORM**

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous),  
(Affiliated to Annamalai University-Annamalai Nagar)**

By

**P.SUBASH (Reg No: A21MCS24)**

For the partial Fulfillment for the award of degree of

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Is a Bonafide record of work carried out by him,  
Under My guidance and supervision.

*C. Mary Cholina*  
Internal Guide

**Mrs. C. MARY SHAKKINA, MCA, MPhil, BEd,**  
Guest Lecturer  
PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

*[Signature]*  
Head of the Department

**Dr. MANUMULLU SURESH KANTH SHANKAR,**  
Head, PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607 001.

Submitted for the viva-voce examination held on 06-05-2023

Examiners:

1. *[Signature]*
2. *[Signature]*



**JP INFOTECH**  
SOFTWARE DEVELOPMENT & RESEARCH DIVISION

No.: 28, Thirunavukarasar Street, Thirukuralar Nagar,  
Arumparthapuram, Puducherry – 605 110, India.  
Mobile: (+91)9952649690 | Web: [www.jpinfotech.org](http://www.jpinfotech.org)  
E-Mail: [jpinfotechprojects@gmail.com](mailto:jpinfotechprojects@gmail.com) | Blog: <http://jpinfotech.blogspot.com>

---

DATE: 15/04/2023

REF #:JP2239

**TO WHOM SOEVER IT MAY CONCERN**

This is to Certify Mr. P SUBASH studying Final year M.Sc. (Computer Science) in St. Joseph's College of arts and science (Autonomous) , Cuddalore-1, with Roll. No. A21MCS24, has successfully COMPLETED his Intern for the Project cum Internship Program in JAVA Technology. The attendance details are given below:

JANUARY 2023 - 09, 10, 11, 12, 18, 21, 22, 24, 25, 26, 27, 28,30,31.

FEBRUARY 2023 - 1,2,3,6,7,8,9,10,13,14,15,16,17,20,21,22,23,24,27,28.

MARCH 2023 - 1,2,3,,6,7,8,9,10,13,14,15,16,17,20,21,22,23,24,,27,28,29,30,31

APRIL 2023 – ,3,4,5,6,7,10,11,12,13,14.



With Regards,

Dr. R.JAYAPRAKASH BE,MBAM Tech,Ph.D.

Managing Director, JP INFOTECH.

# **SPORTS INFORMATICS AND ANALYTIC SYSTEM**

A Main-Project Report

Submitted for the partial fulfillment for the award of degree of

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**G.SREEDHARAN ( REG NO : A21MCS25)**

Under the Guidance of

**Mrs. A.ABIRAMI M.Sc., M.Phil.,**

(Guest Lecturer, Post Graduate and Research Department of Computer Science)



**PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University- Annamalai Nagar)

**CUDDALORE- 607001**

**MAY-2023**

## CERTIFICATE

This is to certify that the Main-Project entitled  
**SPORTS INFORMATICS AND ANALYTIC SYSTEM**

Being submitted to

**St. Joseph's College of Arts and Science(Autonomous)**  
(Affiliated to Annamalai University- Annamalai Nagar)

By

**G.SREEDHARAN( REG NO : A21MCS25)**

For the partial Fulfillment for the award of degree of

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Is a Bonafide record of work carried out by him

Under My guidance and supervision.

  
**Internal Guide**

**Mrs. A. ABIRAMI, M.Sc., M.Phil.,**  
**Guest Lecturer**  
PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

  
**Head of the Department**

**Dr. M. A. ...**  
Head, PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607 001.

Submitted for the viva-voce examination on 06/05/2023

**Examiners:**

1.   
2. 



# **CRIME REPORTING SYSTEM**

A Main Project Report

Submitted for the partial fulfilment for the award of degree of

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**G. KISHORE KUMAR (REG NO: A21MCS26)**

Under the Guidance of

**Mrs. A. ABIRAMI, Msc., Mphil.,**

(Assistant Professor, Post Graduate and Research Department of Computer Science)



**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE(AUTONOMOUS)**

(Affiliated to Annamalai University-Chidambaram)

**CUDDALORE- 607001**

## CRIME REPORTING SYSTEM

This is to certify that the Main-Project entitled

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Annamalai University – Chidambaram)

By

**G.KISHORE KUMAR (Reg No: A21MCS26)**

For the partial fulfilment for the award of degree of

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Is a Bonafide record of work carried out by her,

Under my guidance and supervision.

  
Internal Guide

  
Head of the Department

**Mrs. A. ABIRAMI, M.Sc., M.Phil.,**  
Guest Lecturer  
PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Submitted for the viva-voce examination on 06/05/2023

Examiners:

1. 

2. 

## CERTIFICATE OF COMPLETION

This is to certify that **G. KISHORE KUMAR**, a student pursuing 2nd year **MSC** in the stream of **COMPUTER SCIENCE** from **St. Joseph's College of Arts and Science** has **attended an internship** and learned the essentials of **"WEB DEVELOPMENT"** at **CLOUDLOGIC TECHNOLOGIES PVT LTD**, Puducherry for the period of 1 week.

During the span, we found you to be a punctual and hardworking person. Our feedback and evaluation proved that you learned swiftly and keenly.

We wish you great success in your future professional endeavors.

Regards,



Aishwarya Naveen

Project Manager

Cloudlogic Technologies Pvt Ltd.



(Microsoft Azure Partner, AWS Registered Partner, Google Cloud Certified)

27 & 28 Bajanai madam street, Ellaipillaichavady, Puducherry - 605005.

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE**

**List of Students undertaking Projects**

**Class:** III B.Sc (Computer Science)-‘A’(Shift-I)

**Batch:** 2020-2023


<b>S.No</b>	<b>Roll No</b>	<b>Name of the Students</b>	<b>Project Title</b>
01	A20CSDA01	K. Abel Manu Selvan	Lorry and Crane Service
02	A20CSDA02	K. Aravindhan	
03	A20CSDA03	S. Arun Karthik	Organ Donation Management System
04	A20CSDA06	S.Chidambaram	
05	A20CSDA05	S.Bharathi	Gym Buddy
06	A20CSDA07	S. Deveraj	
07	A20CSDA08	R. Dhivakaran	Staff Remuneration Administration
08	A20CSDA09	M. Gururagavendran	
09	A20CSDA10	A.Jaffar Ali	Rotaract Club
10	A20CSDA11	K. Jayalinson	
11	A20CSDA12	A.Jerin Sujith	Online Book Store Management
12	A20CSDA13	N. Kanagasababathy	
13	A20CSDA14	J. Kishore	Hostel Management System
14	A20CSDA15	S. Kishore Kumar	
15	A20CSDA16	G. Logeshwaran	Sports Management System
16	A20CSDA17	M. Manivannan	



17	A20CSDA18	M. Mohamed Mujamil	Car Showroom Management System
18	A20CSDA19	V. Prakash	
19	A20CSDA20	S. Prasanth	Techlearn
20	A20CSDA21	P. Praveen	
21	A20CSDA22	K. Pugazharasu	Online Eyewear Shop Application
22	A20CSDA23	S. Rajadurai	
23	A20CSDA24	M. Ravichandran	Online Electric Bike Booking
24	A20CSDA27	M. Sasikaran	
25	A20CSDA28	R. Shyamsundar	Old Age Home Management System
26	A20CSDA29	M. Sivanandhan	
27	A20CSDA30	G. Sriram	Poultry Farm Management System
28	A20CSDA31	D. Sudharsan	
29	A20CSDA32	P. Surya	Kerala Tourism
30	A20CSDA33	S. Sweentharan	
31	A20CSDA34	E. Thomas	Ayurveda Pharmacy(Online Store)
32	A20CSDA35	T. Uvaraj	
33	A20CSDA36	S. Vasanth	Voice Based Virtual Assistance For Windows
34	A20CSDA37	M. Vasanthakumar	
35	A20CSDA38	S. Vignesh	Multiple Encryption To Database
36	A20CSDA39	R. Vijay Raaj	
37	A20CSDA41	S. Yahkoobali	Agricultural Products
38	A20CSDA42	P. Yuvaraj	

39	A20CSDA44	K. Sundar	Academy Fete Roster
40	A20CSDA45	K. Vishnu Prem	
41	A20CSDA46	M. Gokulan	Interview Skills Enhancement System
42	A20CSDA47	P. Paruthivalavan	
43	A20CSDA48	V. Kandhan	Encrypting The Message By Steganography
44	A20CSDA49	S.R. Chandru	
45	A20CSDA50	M. Vijay	Online Bakery Shop
46	A20CSDA51	S. Siva Shankar	
47	A20CSDA52	V. Praveen	Online Restaurant Food Ordering System
48	A20CSDA53	V. Vinith	
49	A20CSDA54	S. Ajay	Career Guidelines
50	A20CSDA56	J. Dharanidharan	

  
**Staff-in-charge**  
 Dr. A.R. JOHNSON DURAI, M.C.A, M.Phil., Ph.D.  
 Assistant Professor,  
 P.G. & Research Dept. of Computer Science,  
 St. Joseph's College of Arts & Science (Autonomous),  
 CUDDALORE - 607 001.

  
**Head of the Department**  
 M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS),  
 Head, PG and Research Department of Computer Science  
 St. Joseph's College of Arts & Science (Autonomous),  
 Cuddalore-607 001.

# **LORRY AND CRANE SERVICE**

**A Mini Project Report**

**Submitted for the partial fulfillment for**

**the award of degree of**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**by**

**ABEL MANU SELVAN.K**

**ARAVINDHAN.K**

**[A20CSDA01]**

**[A20CSDA02]**

**Under the Guidance of**

**Dr.M.Arumai Selvam,M.Sc.,M.Phil.,Ph.D.,**

**(Principal and Head, P.G. and Research Department of Computer Science)**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL-2023**

## CERTIFICATE

This is to certify that the Mini Project entitled  
**TEQUIERO LORRY AND CRANE SERVICE**

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous),**  
(Affiliated to Thiruvalluvar University-vellore)

By

**ABEL MANU SELVAN.K**

**ARAVINDHAN.K**

**[A20CSDA01]**

**[A20CSDA02]**

For the partial fulfillment for the award of degree of  
**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Is a Bonafide record of work carried out by them,  
Under my guidance and supervision.

  
**INTERNAL GUIDE**



**Dr.M.ANUNIAI SELVAM, M.Sc(Maths), M.Sc(IT), B.Phil(PS), P.D.,**  
Head, PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

  
**HEAD OF THE DEPARTMENT**

**Dr.M.ANUNIAI SELVAM, M.Sc(Maths), M.Sc(IT), B.Phil(PS), P.D.,**  
Head, PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

Submitted for the viva-voce examination held on 27/04/2023

**Examiners:**

1. 
2. 



# **ORGAN DONATION MANAGEMENT SYSTEM**

A Mini Project Report

Submitted for the partial fulfilment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**ARUN KARTHIK.S**

**CHIDAMBARAM.S**

**[A20CSDA03]**

**[A20CSDA06]**

**Under the Guidance of**

**Dr. R. VIDYA M.Sc., M.Phil., Ph.D.,**

**(Assistant Professor, P.G. and Research Department of Computer Science)**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL – 2023**

## CERTIFICATE

This is to certify that the Mini Project entitled

### ORGAN DONATION MANAGEMENT SYSTEM

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University-Vellore)

By

ARUN KARTHIK.S

CHIDAMBARAM.S

[A20CSDA03]

[A20CSDA06]

For the partial fulfilment for the award of degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.

  
**INTERNAL GUIDE**

Dr. R. VIDYA, M.Sc., M.Phil., Ph.D.,  
ASSISTANT PROFESSOR,  
PG & RESEARCH DEPT. OF COMPUTER SCIENCE,  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE - 607 001.

  
**HEAD OF THE DEPARTMENT**

Dr. M. ARUNMAI SATHYAN, M.Sc., M.Phil., Ph.D.,  
Head, PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607 001.

Submitted for the viva-voce examination held on 27/4/22

**Examiners:**

1. 

2. 

# **GYM BUDDY**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**BHARATHI.S**

**[A20CSDA05]**

**DEVERAJ.S**

**[A20CSDA07]**

Under the Guidance of

**Dr. R. VIDYA M.Sc., M.Phil., Ph.D.,**

**(Assistant Professor, P.G. and Research Department of Computer Science)**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL - 2023**

# CERTIFICATE

This is to certify that the Mini Project entitled

**GYM BUDDY**

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous),**

**(Affiliated to Thiruvalluvar University-Vellore)**

By

**BHARATHI.S**

**DEVARAJ.S**

**[A20CSDA05]**

**[A20CSDA07]**

For the partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Is a Bonafide record of work carried out by them.

Under my guidance and supervision.



**INTERNAL GUIDE**

**Dr. R. VIDYA, M.Sc., M.A., M.B.A.,**

Assistant Professor  
PG & Research Dept. of Computer Science  
St. Joseph's College of Arts & Science  
(Autonomous)  
Cuddalore - 607 002.



**HEAD OF THE DEPARTMENT**

**Dr. M. ARTHI SELVI, M.Sc., M.A., M.B.A., M.Phil.,**

Head PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607 002.

Submitted for the viva-voce examination held on 27.04.2022

**Examiners:**

1. 

2. 



# STAFF REMUNERATION ADMINISTRATION

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

DHIVAGARAN.R

GURURAGAVENDRA.M

[A20CSDA08]

[A20CSDA09]

Under the Guidance of

Dr.T.Miranda Lakshmi , M.Sc.,M.Phil.,Ph.D.,

(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

APRIL - 2023

## CERTIFICATE

This is to certify that the Mini Project entitled

## STAFF REMUNERATION ADMINISTRATION

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous),**

(Affiliated to Thiruvalluvar University-Vellore)

By

DHIVAGARAN.R

GURURAGAVENDRA.M

[A20CSDA08]

[A20CSDA09]

For the partial fulfillment for the award of degree of

## BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.

## INTERNAL GUIDE

**Dr. T. MIRANDA LAKSHMI, M.Sc., M.Phil., Ph.D.**  
Assistant Professor  
Post Graduate and Research Department of Computer Science  
St. Joseph's College of Arts and Science (Autonomous)  
Cuddalore, Tamil Nadu - 605 001

HEAD OF THE DEPARTMENT

Head, PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-605 001.

Submitted for the viva-voce examination held on 27/04/2023

**Examiners:**

1. ~~2284~~  
2. ~~h. v. h.~~

# **ROTARACT CLUB**

**Mini Project Report**

**Submitted for the partial fulfillment for**

**the award of degree of**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**by**

**JAFFAR ALLA  
[A20CSDA10]**

**JAYALINSON.K  
[A20CSDA11]**

**Under the Guidance of**

**Dr.A.R.JOHNSON DURAI , M.C.A.,M.Phil.,Ph.D.,**

**(Assistant Professor, P.G. and Research Department of Computer Science)**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL-2023**

## CERTIFICATE

This is to certify that the Mini Project entitled

### ROTARACT CLUB

being submitted to

**St. Joseph's College of Arts and Science (Autonomous),**

**(Affiliated to Thiruvalluvar University-Vellore)**

**By**

**JAFFAR ALIA**

**[A20CSDA10]**

**JAYALINSON.K**

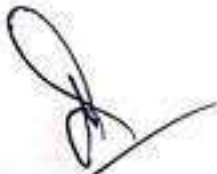
**[A20CSDA11]**

For the partial fulfillment for the award of degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

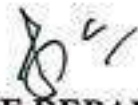
Is a Bonafide record of work carried out by them,

Under my guidance and supervision.



#### INTERNAL GUIDE

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Submitted for the viva-voce examination held on 27/04/2023

#### Examiners:

1. 

2. 



# ONLINE BOOK STORE MANAGEMENT

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

JERIN SUJITH.A  
[A20CSDA12]

KANAGASABABATHY.N  
[A20CSDA13]

Under the Guidance of

Dr. A.R.JOHNSON DURAL, M.C.A., M.Phil., Ph.D.,  
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ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

★ APRIL - 2023

## CERTIFICATE

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Being submitted to

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By

**JERIN SUJITH.A**

**KANAGASABABATHY.N**

[A20CSDA12]

[A20CSDA13]

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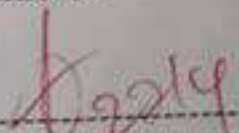
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**Examiners:**

1. 

2. 

# **HOSTEL MANAGEMENT SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**KISHORE.J**

**[A20CSDA14]**

**KISHORE KUMAR.S**

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**KISHORE KUMAR.S**

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**[A20CSDA15]**

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Assistant Professor,  
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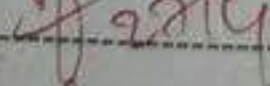



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Submitted for the viva-voce examination held on - 27-4-2023

**Examiners:**

1. 
2. 



# **SPORTS MANAGEMENT SYSTEM**

**A Mini Project Report**

**Submitted for the partial fulfillment for**

**the award of degree of**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**by**

**LOGESHWARAN.G**

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**[A20CSDA17]**

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**CUDDALORE-607001**

**APRIL - 2023**

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This is to certify that the Mini Project entitled

## SPORTS MANAGEMENT SYSTEM

Being submitted to

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INTERNAL GUIDE

  
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Submitted for the viva-voce examination held on 27-4-2023

Examiners:

1. 

2. 

**CAR SHOWROOM MANAGEMENT SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for the

award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**MOHAMED MUJAMIL M**

**[A20CSDA18]**

**PRAKASH V**

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**CUDDALORE-607001**

**APRIL-2023**

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**CAR SHOWROOM MANAGEMENT SYSTEM**

Being submitted to

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By

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**[A20CSDA18]**

**PRAKASH.V**

**[A20CSDA19]**

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Submitted for the viva-voce examination held on 27-04-2023

**Examiners:**

1. *[Signature]*

2. *[Signature]*



# **TECHLEARN**

**A Mini Project Report**

**Submitted for the partial fulfillment for**

**the award of degree of**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**by**

**PRASANTH.S**

**[A20CSDA20]**

**PRAVEEN.P**

**[A20CSDA21]**

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**CUDDALORE-607001**

**APRIL - 2023**

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Being submitted to

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By

**PRASANTH.S**

**PRAVEEN.P**

**[A20CSDA20]**

**[A20CSDA21]**

For the partial fulfillment for the award of degree of

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Submitted for the viva-voce examination held on 27/04/2023

**Examiners:**

1. 
2. 

# **ONLINE EYEWEAR SHOP APPLICATION**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

By

**PUGAZHARASU K**

**[A20CSDA22]**

**RAJADURAI S**

**[A20CSDA23]**

**Under the Guidance of**

**Mr.S.Antony Jones, MCA.,M.Phil.,SET.,**

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**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL - 2023**



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Being submitted to

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**[A20CSDA22]**

**[A20CSDA23]**

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Submitted for the viva-voce examination held on 27-04-2023

**Examiners:**

1. 

2. 



# **ONLINE ELECTRIC BIKE BOOKING**

**A Mini Project Report**

**Submitted for the partial fulfillment for**

**the award of degree of**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**by**

**RAVICHANDRAN.M**

**SASIKARAN.M**

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**[A20CSDA27]**

**Under the Guidance of**

**Mr.S.Antony Jones M.C.A.,M.Phil.,SET,**

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**CUDDALORE-607001**

**APRIL - 2023**

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By

**RAVICHANDRAN.M**

**SASIKARAN.M**

**[A20CSDA24]**

**[A20CSDA27]**

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Submitted for the viva-voce examination held on 27/04/2023

**Examiners:**

1. A2714

2. P-L-VL

# **OLD AGE HOME MANAGEMENT SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**SHYAMSUNDAR R**

**[A20CSDA28]**

**SIVANANDHAN M**

**[A20CSDA29]**

**Under the Guidance of**

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**APRIL – 2023**



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By

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**[A20CSDA28]**

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**Examiners:**

1. 

2. 

  
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Registration held on **21-04-2023**



# **POULTRY FARM MANAGEMENT SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**SRIRAM.G**

**SUDHARSAN.D**

**[A20CSDA30]**

**[A20CSDA31]**

Under the Guidance of

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**APRIL-2023**

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Being submitted to

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By

SRIRAM.G  
[A20CSDA30]


SUDHARSAN.D  
[A20CSDA31]

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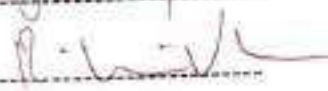
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**INTERNAL GUIDE**  
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Submitted for the viva-voce examination held on 27/04/2023

Examiners:

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# **KERALA TOURISM**

A Mini Project Report

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**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**SURYA.P**

**SWEENTHARAN.S**

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**[A20CSDA33]**

Under the Guidance of

**Dr.S.Muthukumaran, M.Sc(IT)., M.Phil., Ph.D.,**

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SWEENTHARAN.S

[A20CSDA32]

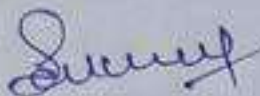
[A20CSDA33]

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Submitted for the viva-voce examination held on 27/04/2023

**Examiners:**

1. A2119

2. R. V. V.



**AYURVEDA PHARMACY (ONLINE STORE)**

A Mini Project Report  
Submitted for the partial fulfillment for  
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**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

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**APRIL-2023**



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By

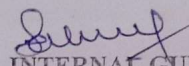
**THOMAS.E**  
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[A20CSDA35]

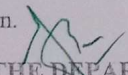
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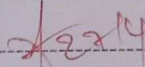
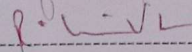
**Dr. S. MUTHUKUMARAN**, M.Sc.(IT), M.Phil, Ph.D.,  
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Submitted for the viva-voce examination held on 27-04-2023

**Examiners:**

1. 
2. 

# **VOICE BASED VIRTUAL ASSISTANCE FOR WINDOWS**

**A Mini Project Report**

**Submitted for the partial fulfillment for the**

**award of degree of**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**by**

**VASANTH.S**  
**[A20CSDA36]**

**VASANTHAKUMAR.M**  
**[A20CSDA37]**

**Under the Guidance of**

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL – 2023**

## CERTIFICATE

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**VOICE BASED VIRTUAL ASSISTANCE FOR WINDOWS**

Being submitted to

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By

**VASANTH .S**  
**[A20CSDA36]**

**VASANTHAKUMAR .M**  
**[A20CSDA37]**

For the partial fulfillment for the award of degree of

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Under my guidance and supervision.

*Wemalathar*  
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Submitted for the viva-voce examination held on 27/04/2023

**Examiners:**

1. *[Signature]*

2. *[Signature]*



# **MULTIPLE ENCRYPTION TO DATABASE**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**S.VIGNESH**

**[A20CSDA38]**

**R.VIJAY RAAJ**

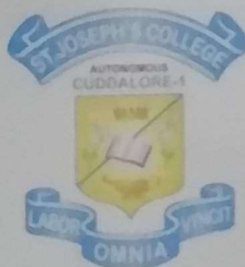
**[A20CSDA39]**

Under the Guidance of

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**CUDDALORE-607001**

**APRIL -2023**

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By

**S.VIGNESH**

R.VIJAY RAAJ

[A20CSDA38]


[A20CSDA39]

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**HEAD OF THE DEPARTMENT**

Submitted for the viva-voce examination held on 27/04/2023

**Examiners:**

1. \_\_\_\_\_

2. 

# **AGRICULTURAL PRODUCTS**

A Mini Project Report

Submitted for the partial fulfillment for  
the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**YAHKOOBALI. S**

**[A20CSDA41]**

**YUVARAJ. P**

**[A20CSDA42]**

**Under the Guidance of**

**Dr.V.Sudha,M.Sc.(IT),M.Phil.,Ph.D.,**

(Assistant Professor, P.G. and Research Department of Computer Science)



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL - 2023**



## CERTIFICATE

This is to certify that the Mini Project entitled

### AGRICULTURAL PRODUCTS

being submitted to

St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University-Vellore)

By

YAHKOOBALI. S

YUVARAJ. P

[A20CSDA41]

[A20CSDA42]

For the partial fulfillment for the award of degree of  
**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.

  
**INTERNAL GUIDE**

Assistant Professor,  
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Submitted for the viva-voce examination held on 27/04/2023

**Examiners:**

1. 

2. 



# **ACADEMY FETE ROSTER**

**A Mini Project Report**

**Submitted for the partial fulfillment for**

**the award of degree of**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**by**

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**[A20CSDA44]**

**VISHNU PREM K**

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VISHNU PREM K

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[A20CSDA45]

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Cuddalore-607 001.

Submitted for the viva-voce examination held on 27.04.2022

Examiners:



# **INTERVIEW SKILLS ENHANCEMENT SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**GOKULAN.M**

**PARUTHIVALAVAN.P**

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**[A20CSDA47]**

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**(AUTONOMOUS)**

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**PARUTHIVALAVAN.P**

**[A20CSDA46]**

**[A20CSDA47]**

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Submitted for the viva-voce examination held on 27/04/23

**Examiners:**

1. 
2. 



**ENCRYPTING THE MESSAGE BY STEGANOGRAPHY**

A Mini Project Report

Submitted for the partial fulfillment for

The award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

By

**KANDHAN.V**

**CHANDRU.S.R**

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**[A20CSDA49]**

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**CUDDALORE-607001**

**APRIL-2023**

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**ENCRYPTING THE MESSAGE BY STEGANOGRAPHY**

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By

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CHANDRU.S.R

[A20CSDA48]

[A20CSDA49]

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Under my guidance and supervision.

*C. Mary Shakkina*

**INTERNAL GUIDE**

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**Guest Lecturer**

PG and Research Department of Computer Science

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**HEAD OF THE DEPARTMENT**

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Cell: 887 6012

Shib Girdhore 887 6012 examination held on 27/04/2022

**Examiners:**

1. *[Signature]*

2. *[Signature]*

# **ONLINE BAKERY SHOP**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**VIJAY.M**

**SIVA SHANKAR.S**

**[A20CSDA50]**

**[A20CSDA51]**

Under the Guidance of

**Mrs.MARY SHAKKINA , M.C.A,M.Phil.,B.ed.,**

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**CUDDALORE-607001**

**APRIL - 2023**



# CERTIFICATE

This is to certify that the Mini Project entitled

## ONLINE BAKERY SHOP

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University, Vellore)

By

VIJAY.M

SIVA SHANKAR.S

[A20CSDA50]

[A20CSDA51]

For the partial fulfillment for the award of degree of

## BACHELOR OF SCIENCE IN COMPUTER SCIENCE

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Under my guidance and supervision.

*C. Mary Shaina*  
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Eddalore - 607 001.  
Submitted for the viva-voce examination held on -----

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Head, PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous),  
Eddalore - 607 001.

27/04/23

Examiners:

1. *[Signature]*

2. *[Signature]*



# **ONLINE RESTAURANT FOOD ORDERING SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for

The award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**PRAVEEN.V.**

**VIVITH.V**

**[A20CSDA52]**

**[A20CSDA53]**

**Under the Guidance of**

**Mrs. C.MARY SHAKKINA M.C.A. ,M.Phil.,B.ed.**

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL-2023**

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By

**PRAVEEN.V**

**[A20CSDA52]**

**VIVITH.V**

**[A20CSDA53]**

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*C. Mary Shairine*

**INTERNAL GUIDE**

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Cuddalore-607 001.

Submitted for the viva-voce examination held on 27/04/2023

**Examiners:**

1. *K. Ravi*
2. *R. Vivek*

# **CAREER GUIDELINES**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**AJAY.S**

**[A20CSDA54]**

**DHARANIDHARAN.J**

**[A20CSDA56]**

Under the Guidance of

**Mrs. A.Abirami , M.Sc.,M.Phil.,**

**(Guest Lecturer, P.G. and Research Department of Computer Science) ✓**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL - 2023**

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By

AJAY.S

DHARANIDHARAN.J

[A20CSDA54]


[A20CSDA56]


For the partial fulfillment for the award of degree of

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Under my guidance and supervision.

  
**INTERNAL GUIDE**  
Mrs. A. ABIRAMI, M.Sc., M.Phil.,  
Guest Lecturer  
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Head, PG and Research Department of Computer Science  
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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 27/04/2023

**Examiners:**

1. 

2. 





**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)****CUDDALORE-607001****PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE****List of Students undertaking Projects****Class:** III B.Sc (Computer Science)- 'B' (Shift-I)**Batch:** 2020-2023

S.No	Roll No	Name of the Students	Project Title
01	A20CSDB01	I. Ajay	Florist Management System
02	A20CSDB02	K. Arnold	
03	A20CSDB03	B. Balaji	Car Rental System
04	A20CSDB04	S. Baskar	
05	A20CSDB05	N. Chandra Moulesvaran	Cuddalore Bus Schedule Management System
06	A20CSDB06	L. Dharmaprakash	
07	A20CSDB07	A. Gandhiraj	Stock Management System
08	A20CSDB08	J. Haja Moideen	
09	A20CSDB09	S.N. Jagadheeswaran	Hospital Management System
10	A20CSDB10	J. Jayaseelan	
11	A20CSDB11	S. Kalaiselvan	The Petshop Management System
12	A20CSDB12	K. Karthikeyan	
13	A20CSDB13	K. Kishore	Cloud Kitchen
14	A20CSDB15	S.K. Lokeshwaran	
15	A20CSDB16	S. Magesh Kumar	Kutty Foodie
16	A20CSDB17	P. Mahendran	
17	A20CSDB18	E. Manoj Kumar	Wedding Hall Reservation
18	A20CSDB19	A. Nikash	
19	A20CSDB20	G. Prasannakumar	Agriculture Farm Management System
20	A20CSDB21	A. Prasath	

21	A20CSDB23	B. Pugazhendhi	House Rental System
22	A20CSDB24	S. Ramkumar	
23	A20CSDB25	P. Sanjay	Library Management System
24	A20CSDB26	S. Sanjeev	
25	A20CSDB27	P. Saran Kumar	Better Basket
26	A20CSDB28	K. Sharan	
27	A20CSDB29	A. Sivasuriya	Online Book Store
28	A20CSDB30	R. Sivanesan	
29	A20CSDB31	B. Subasan	Customizable Online Shopping
30	A20CSDB32	K. Suriya	
31	A20CSDB33	S. Susenthiran	Electronics Parts Sales And Inventory System
32	A20CSDB34	V. Thayumanavan	
33	A20CSDB35	M. Thowvik Juhair	Jungle Rush:3d Endless Explorer
34	A20CSDB36	P. Varun	
35	A20CSDB37	E. Veshai	Haunted Maze
36	A20CSDB38	R. Vijay	
37	A20CSDB39	V. Vijayabharath	Hello Fresh
38	A20CSDB40	S. Vijayaraj	
39	A20CSDB41	A. Yuvaraj	Shopsea
40	A20CSDB42	S. Krishnakumar	
41	A20CSDB43	P.S. Jayavaradhan	Blood Donar Management System
42	A20CSDB44	S. Manimaran	
43	A20CSDB45	S. Parthasarathi	The Food Mania
44	A20CSDB46	M. Sudharsan	

45	A20CSDB47	K. Vasanth	Real Estate Management System
46	A20CSDB48	M. Raja	
47	A20CSDB49	S. Devanathan	Organic Seeds & Fertilizers
48	A20CSDB51	P. Karthik	
49	A20CSDB52	A. Akash	Clinic Management System
50	A20CSDB53	U. Dinesh	

  
**Staff-in-charge**  
**A. ARUN BENEDICT**, M.Sc., B.Ed., M.Phil.,  
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# **FLORIST MANAGEMENT SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**AJAY.I**

**[A20CSDB01]**

**ARNOLD.K**

**[A20CSDB02]**

**Under the Guidance of**

**Dr.M. Arumai Selvam, M.Sc.,M.Phil.,Ph.D., PGDCSA.,**

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

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**CUDDALORE-607001**

**APRIL - 2023**



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By

AJAY.I

ARNOLD.K

[A20CSDB01]

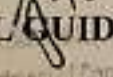
[A20CSDB02]

For the partial fulfillment for the award of degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

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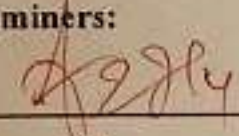
them, Under my guidance and supervision.

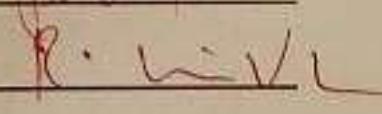
  
**INTERNAL GUIDE**  
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Submitted for the viva-voce examination held on 27/4/23

#### Examiners:

1. 

2. 

# **CAR RENTAL SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**BALAJI.B**

**BASKAR.S**

**[A20CSDB03]**

**[A20CSDB04]**

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[A20CSDB03]

[A20CSDB04]

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Submitted for the viva-voce examination held on 27-04-2023

Examiners:

1. 

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**CUDDALORE BUS SCHEDULE MANAGEMENT SYSTEM**

**A Mini Project Report**

**Submitted for the partial fulfillment for the**

**Award of degree of**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**By**

**CHANDRA MOULESVARAN.N**  
**[A20CSDB05]**

**DHARMAPRAKASH.L**  
**[A20CSDB06]**

**Under the Guidance of**

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**APRIL – 2023**



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### CUDDALORE BUS SCHEDULE MANAGEMENT SYSTEM

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DHARMAPRAKASH.L  
[A20CSDB06]

For the partial fulfillment for the award of degree of

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Under my guidance and supervision.

*Sl. an. Oc  
25/4/23*  
**INTERNAL GUIDE**  
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Cuddalore, Tamil Nadu-607 001.

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Submitted for the viva-voce examination held on 27/04/2023

Examiners:

1. *22/4*
2. *R. V. V.*

# **STOCK MANAGEMENT SYSTEM**

A Mini Project Report  
Submitted for the partial fulfillment for  
the award of degree of

## **BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**GANDHIRAJA**  
**[A20CSDB07]**

**HAJA MOIDEEN.J**  
**[A20CSDB08]**

**Under the Guidance of**

**Dr. A. R. Johnson Durai, M.C.A., M.Phil., Ph.D.,**  
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### STOCK MANAGEMENT SYSTEM

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By

**GANDHIRAJA**

**[A20CSDB07]**

**HAJA MOIDEEN.J**

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For the partial fulfillment for the award of degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE


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Submitted for the viva-voce examination held on 27/04/2023

**Examiners:**

1. 

2. 

# **HOSPITAL MANAGEMENT SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment

for the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**JAGADHEESWARAN .S.N**

**JAYASEELAN.J**

**[A20CSDB09]**

**[A20CSDB10]**

**Under the Guidance of**

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

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**HOSPITAL MANAGEMENT SYSTEM**

Being submitted to

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By

**JAGADHEESWAR.S.N**

**JAYASEELAN. J**

**[A20CSDB09]**

**[A20CSDB10]**

For the partial fulfillment for the award of degree of  
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Under my guidance and supervision.



**INTERNAL GUIDE**

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**HEAD OF THE  
DEPARTMENT**

Submitted for the University Examination held on

27.04.2023

**Examiners:**

1. 

2. 

**THE PETSHOP MANAGEMENT SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for  
the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**KALAISELVAN.S**

**KARTHIKEYAN.K**

**A20CSDB11**

**A20CSDB12**

**Under the Guidance of**

**Mr.A. Arun Benedict, M.Sc.,M.Phil.,**

**(Assistant professor, PG and Research Department of Computer Science)**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL – 2023**

## CERTIFICATE

This is to certify that the Mini Project entitled  
**THE PETSHOP MANAGEMENT SYSTEM**

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous),**  
**(Affiliated to Thiruvalluvar University-Vellore)**

By

**KALAISELVAN.S**

**KARTHIKEYAN**

**A20CSDB11**

**A20CSDB12**

For the partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.

  
**INTERNAL GUIDE**

  
**HEAD OF THE DEPARTMENT**

**A. ARUN BENEDICT, B.Sc., MCA,**  
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Submitted for the viva-voce examination held on 27/04/2023

**Examiners:**

1. 

2. 

# **CLOUD KITCHEN**

**A Mini Project Report**

**Submitted for the partial fulfillment for the award of degree of**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**By**

**KISHORE.K**

**LOKESHWARAN.S.K**

**A20CSDB13**

**A20CSDB15**

**Under the Guidance of**

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*Ad 28/10*  
**INTERNAL GUIDE**

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Submitted for the viva-voce examination held on 27/04/2023

**Examiners:**

1. 1000

2.

# **KUTTY FOODIE**

**A Mini Project Report**

**Submitted for the partial fulfillment for the award of degree of**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

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**MAHENDRAN P**

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**A20CSDB17**

**Under the Guidance of**

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**INTERNAL GUIDE**


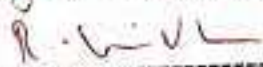
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Submitted for the viva-voce examination held on 29/04/2023

**Examiners:**

1. 
2. 

# **WEDDING HALL RESERVATION**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**MANOJ KUMAR.E**

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**NIKASH.A**

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NIKASH.A

[A20CSDB18]

[A20CSDB19]

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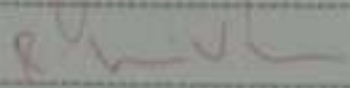
  
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Examiners:

1. 
2. 

Examination held on

27/04/2023

# **AGRICULTURE FARM MANAGMENT SYSTEM**

**A Mini Project Report**

**Submitted for the partial fulfillment for**

**the award of degree of**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**by**

**PRASANNAKUMAR.G**

**PRASATH.A**

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**[REG NO:A20CSDB21]**

**Under the Guidance of**

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**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL-2023**



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Vivo AI camera**

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This is to certify that the Mini Project entitled  
**AGRICULTURE FARM MANAGEMENT SYSTEM**

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous),**

(Affiliated to Thiruvalluvar University-Vellore)

By

**PRASANNAKUMAR.G**

**PRASATH.A**

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**[REG NO:A20CSDB21]**

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**Examiners:**

1. [Signature]

2. [Signature]

# **HOUSE RENTAL SYSTEM**

**A Mini Project Report**

**Submitted for the partial fulfillment for**

**the award of degree of**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**by**

**PUGAZHENDHI.B**

**RAMKUMAR.S**

**[REG NO:A20CSDB23]**

**[REG NO:A20CSDB24]**

**Under the Guidance of**

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**CUDDALORE-607001**

**APRIL – 2023**



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**RAMKUMAR.S**

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[REG NO:A20CSDB24]

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Submitted for the viva-voce examination held on 27/04/23

**Examiners:**

1. Harsh

2. R. V. V.

# **LIBRARY MANAGEMENT SYSTEM**

A mini Project Report

Submit for the partial fulfillment for

The award of degree of

## **BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**SANJAY P**

**[REG NO: A20CSDB25]**

**SANJEEV S**

**[REG NO: A20CSDB26]**

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**CUDDALORE**

**MAY-2023**

## CERTIFICATE

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### LIBRARY MANAGEMENT SYSTEM

being submitted to

St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University-Vellore)

by

SANJAY P

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Submitted for the viva-voice examination held on 27/04/2023

Examiners:

1. 
2. 

# **BETTER BASKET**

A Mini Project Report

Submitted for the partial fulfillment for

The award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**SARAN KUMAR.P**

**[A20CSDB27]**

**SHARAN.K**

**[A20CSDB28]**

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**(AUTONOMOUS)**

**CUDDALORE - 607 001**

**APRIL - 2023**



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This is to certify that the Mini Project entitled

### BETTER BASKET

Being submitted to

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by

**SARAN KUMAR.P**

**SHARAN.K**

**[A20CSDB27]**

**[A20CSDB28]**

For the partial fulfillment for the award of degree of

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Submitted for the viva-voce examination held on 27/04/23

#### Examiners:

1. 
2. 

**ONLINE BOOK STORE**

**A Mini Project Report**

**Submitted for the partial fulfillment for**

**the award of degree of**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**by**

**SIVASURIYA.A**

**SIVANESAN.R**

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**CUDDALORE-607001**

**APRIL-2023**

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### ONLINE BOOK STORE

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

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By

SIVA SURIYA.A

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[A20CSDB30]

For the partial fulfillment for the award of degree of

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INTERNAL GUIDE

  
HEAD OF THE DEPARTMENT

Submitted for the viva-voce examination held on 27/4/23

Examiners:

1. 

2. 

**CUSTOMISABLE ONLINE SHOPPING**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**SUBASAN.B**

**[A20CSDB31]**

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**CUDDALORE-607001**

**APRIL – 2023**



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**SUBASAN.B**  
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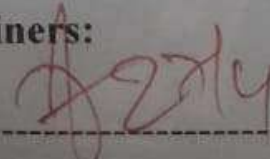
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Head, PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

**Examiners:**

1. 

2. 

# **ELECTRONICS PARTS SALES AND INVENTORY SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**SUSENTHIRAN.S**

**THAYUMANAVAN.V**

**[A20CSDB33]**

**[A20CSDB34]**

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For the partial fulfillment for the award of degree of  
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Submitted for the viva-voce examination held on 27/04/23

**Examiners:**

1. 

2. 

# **JUNGLE RUSH : 3D ENDLESS EXPLORER**

A Mini Project Report

Submitted for the partial fulfillment for

The award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**THOWVIK JUHAIR.M**

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**VARUN P**

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**[A20CSDB36]**

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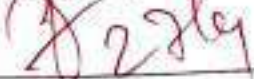
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Submitted for the viva-voce examination held on 27/04/2023

**Examiners: --**

1. 

2. 

# **HAUNTED MAZE**

**A Mini Project Report**

**Submitted for the partial fulfillment for**

**The award of degree of**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**by**

**VESHAL.E**

**[A20CSDB37]**

**VIJAY.R**

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**CUDDALORE - 607 001**

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Being submitted to

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by

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**[A20CSDB37]**

**[A20CSDB38]**

For the partial fulfillment for the award of degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

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26/04/23  
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**Examiners:**

1. 
2. 

# **HELLO FRESH**

A mini Project Report

Submit for the partial fulfillment for

The award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

By

**VIJAYABHARATH.V**

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26/04/23

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Submitted for the viva-voce examination held on 27/04/2023

Examiners:

1.   
2. 

# **SHOPSEA**

a mini Project Report

Submit for the partial fulfillment for

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**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**YUVARAJA**

**(A20CSDB41)**

**KRISHNAKUMAR.S**

**(A20CSDB42)**

Under the Guidance of

**Mrs. J. Hemalatha, M.Sc.(IT), M.Phil.,**

(Assistant Professor, P.G. and Research Department of Computer Science)



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE**

**APRIL-2023**

# CERTIFICATE

This is to certify the Mini Project entitled

**SHOPSEA**

being submitted to

**St. Joseph's College of Arts and Science (Autonomous),**

**(Affiliated to Thiruvalluvar University-Vellore)**

By

**YUVARAJ .A (A20CSDB41)**

**KRISHNAKUMAR.S (A20CSDB42)**

For the partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.

*Hemalatha*  
**INTERNAL GUIDE**  
ASSISTANT PROFESSOR  
Post Graduate and Research Department of Computer Science  
St. Joseph's College of Arts and Science (Autonomous)  
Cuddalore, Tamil Nadu-607 001.

*[Signature]*  
**HEAD OF THE DEPARTMENT**  
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Head, PG and Research Department of Computer Science  
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Cuddalore-607 001.

Submitted for the viva-voce examination held on 27-04-2023

Examiners:

1. *[Signature]*

2. *[Signature]*

# **BLOOD DONAR MANAGEMENT SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**P.S.JAYAVARADHAN**

**S.MANIMARAN**

**[A20CSDB43]**

**[A20CSDB44]**

**Under the Guidance of**

**Dr.V.Sudha , M.Sc.(IT)., M.Phil.,**

**Assistant Professor,**

**P.G. and Research Department of Computer Science**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

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**CUDDALORE-607001**

**APRIL - 2023**



## CERTIFICATE

This is to certify that the Mini Project entitled

**BLOOD DONAR MANAGEMENT SYSTEM**

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous),  
(Affiliated to Thiruvalluvar University-Chidambaram)**

By

P.S.JAYAVARADHAN

S.MANIMARAN

[A20CSDB43]

[A20CSDB44]

For the partial fulfillment for the award of degree of

## BACHELOR OF SCIENCE IN COMPUTER SCIENCE

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Under my guidance and supervision,

## INTERNAL GUIDE

Dr. V. SUDHAKAR, Lecturer in Chemistry,  
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HEAD OF THE DEPARTMENT

Submitted for the viva-voce examination held on 27-04-2023

**Examiners:**

1. \_\_\_\_\_

2.  $\frac{1}{x^2} = x^{-2}$

# **THE FOOD MANIA**

**A Mini Project Report**

**Submitted for the partial fulfillment for**

**the award of degree of**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**by**

**S. PARTHASARATHI**

**M. SUDHARSAN**

**[A20CSDB45]**

**[A20CSDB46]**

**Under the Guidance of**

**Mrs. C.Mary Shakkina M.C.A.,M.Phil.,B.ed.,**

**(Guest Lecturer, PG and Research Department of Computer Science)**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL-2023**

## CERTIFICATE

This is to certify that the Mini Project entitled

### THE FOOD MANIA

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

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by

S.PARTHASARATHI

M. SUDHARSAN

[A20CSDB45]

[A20CSDB46]

For the partial fulfillment for the award of degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

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Under my guidance and supervision.

*C. Mary Shaline*  
INTERNAL GUIDE

Mrs. C. MARY SHALINE, M.A., M.Phil., M.Ed.  
Guest Lecturer  
PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous)  
Submitted for the ~~final~~ <sup>internal</sup> examination held on

*R. V.*  
HEAD OF THE DEPARTMENT  
Head, PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous),  
Vellore-607 001.

27.4.2023

Examiners:

1. *A. R. V.*

2. *R. V.*

# **REAL ESTATE MANAGEMENT SYSTEM**

**A Mini Project Report**

**Submitted for the partial fulfillment for**

**the award of degree of**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**by**

**VASANTH.K**

**[A20CSDB47]**

**RAJA.M**

**[A20CSDB48]**

**Under the Guidance of**

**C.Mary shakkina M.C.A.,M.Phil.,B.ed.**

**(Guest Lecturer, PG. and Research Department of Computer Science)**



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**CUDDALORE-607001**

**APRIL-2023**



## CERTIFICATE

This is to certify that the Mini Project entitled  
**REAL ESTATE MANAGEMENT SYSTEM**

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous),**  
**(Affiliated to Thiruvalluvar University-Vellore)**

By

**VASANTH.K**

**RAJA.M**

**[A20CSDB47]**

**[A20CSDB48]**

For the partial fulfillment for the award of degree of  
**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.

*C. Mary Shakkina*

**INTERNAL GUIDE**

**Mrs. C. MARY SHAKKINA, M.C.A., M.Phil., B.Ed.,**  
**Guest Lecturer**  
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**Cuddalore - 607 001.**

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**Cuddalore-607 001.**

Submitted for the viva-voce examination held on 27.04.2023

**Examiners:**

1. *[Signature]*
2. *[Signature]*

# **ORGANIC SEEDS & FERTILIZERS**

A Mini Project Report

Submitted for the partial fulfillment for the

award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**DEVANATHAN.S**  
[A20CSDB49]

**KARTHIK.P**  
[A20CSDB51]

Under the Guidance of

**C .MARY SHAKKINA M.CA.,M.Phil.,B.ed.**

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**ST. JOSEPH'S COLLEGE / ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL - 2023**

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### ORGANIC SEEDS & FERTILIZERS

Being submitted to

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By

DEVANATHAN.S

KARTHIK.P

[A20CSDB49]

[A20CSDB51]

For the partial fulfillment for the award of degree of  
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Under my guidance and supervision.

  
**INTERNAL GUIDE**

Mrs. C. MARY SHAKKINA, M.C.A., M.Phil., B.Ed.,  
Guest Lecturer  
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**HEAD OF THE DEPARTMENT**

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Submitted for the viva-voce examination held on 27.10.23

**Examiners:**

1. \_\_\_\_\_
2. 

# **CLINIC MANAGEMENT SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**AKASH.A**

**[A20CSDB52]**

**DINESH.U**

**[A20CSDB53]**

Under the Guidance of

**Mrs.A.ABIRAMI.M.Sc.,M.Phil.,**

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL-2023**



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### CLINIC MANAGEMENT SYSTEM

being submitted to

**St. Joseph's College of Arts and Science (Autonomous),**

(Affiliated to Thiruvalluvar University- Vellore)

By

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**DINESH.U**

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**[A20CSDB53]**

For the partial fulfillment for the award of degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

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Under my guidance and supervision.

*A. Abirami*

**INTERNAL GUIDE**

**Mrs. A. ABIRAMI, M.Sc., M.Phil.,**  
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Cuddalore - 607 001.

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Submitted for the viva-voce examination held on 27/04/23

**Examiners:**

1. *[Signature]*

2. *[Signature]*

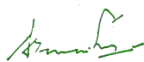
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)****CUDDALORE-607001****PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE****List of Students undertaking Projects****Class:** III B.Sc (Computer Science)-'C'(Shift-I)**Batch:** 2020-2023

<b>S.No</b>	<b>Roll No</b>	<b>Name of the Students</b>	<b>Project Title</b>
01	A20CSDC01	S. Antony Edison	Home Tuin
02	A20CSDC02	R. Arul Raj	
03	A20CSDC03	S. Balaji	Doctor Appointment Booking System
04	A20CSDC04	R. Bharath	
05	A20CSDC05	R. Chandru	Pr Event Management
06	A20CSDC06	P. Dass	
07	A20CSDC07	P. Datchinamoorthi	Second Hand Car Selling Management System
08	A20CSDC09	M. Gopi	
09	A20CSDC10	S. Hari Kumar	Building Construction Material Selling
10	A20CSDC11	P. Jayadevan	
11	A20CSDC12	S. Jeevanandan	Self Drive Cars Booking System
12	A20CSDC13	N. Kalaivanan	
13	A20CSDC14	S. Kathirvel	Musical Instruments System
14	A20CSDC15	J. Kishore Kumar	
15	A20CSDC16	M. Logesh	Online Grocery Shopping System
16	A20CSDC17	I. Lumiyan Gurusking	
17	A20CSDC18	P. Manikandan	Online Booking System
18	A20CSDC19	S. Mathannrajh	
19	A20CSDC20	V. Paranthaman	E-Book Store Management System
20	A20CSDC21	S. Prasanth	

21	A20CSDC22	M. Praveen	NCC Enrollment System
22	A20CSDC23	R. Premkumar	
23	A20CSDC24	P. Rahul	College Union Election Online Voting
24	A20CSDC25	K. Rathinavel	
25	A20CSDC26	A. Sanjai	Gym Equipment Online Shopping
26	A20CSDC27	R. Santhosh Kumar	
27	A20CSDC28	G. Sarathi	Art Gallery Management System
28	A20CSDC29	A. Sheik Mohammed Ibrahim	
29	A20CSDC30	K. Sivakumar	Vehicle Breakdown Assistance
30	A20CSDC31	B. Srinivas	
31	A20CSDC32	G. Subash	Legend Batteries
32	A20CSDC33	S. Susidharan	
33	A20CSDC34	S. Thillaivillalan	Crime Reporting System
34	A20CSDC35	P. Udhayakannan	
35	A20CSDC36	S.Vasantharajan	Tourism Booking Management System
36	A20CSDC37	D. Vignesh	
37	A20CSDC38	R. Vijay	Online Hotel Room Booking Management
38	A20CSDC39	S. Vijayakumar	
39	A20CSDC40	D. Vishnuraj	System Sales Management
40	A20CSDC41	K. Yuvaraj	
41	A20CSDC42	R. Ragul	Harvester Spare-parts Online Shopping
42	A20CSDC43	G. Venkatesan	
43	A20CSDC44	M. Lokaranjane	Agri Farm Management System
44	A20CSDC45	A. Emgeeyar	

45	A20CSDC46	V. Lokesh	Electronic Shop
46	A20CSDC47	J. Jayachandru	
47	A20CSDC48	R.Raja	Student ERP Login Secure
48	A20CSDC49	J.Gowtham	
49	A20CSDC51	R.Ravivarman	Beauty Parlour Management System
50	A20CSDC52	S.Nanthakumar	
51	A20CSDC53	M.Saravanan	All In One Editors Website
52	A20CSDC54	S.Ajith Kumar	

  
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# **HOME TUIN**

A Mini Project Report

Submitted for the partial fulfillment for  
the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

By

**ANTONY EDISON.S**

**[A20CSDC01]**

**ARUL RAJ.R**

**[A20CSDC02]**

Under the Guidance of

**Dr.T.Miranda Lakshmi, M.Sc.,M.Phil.,Ph.D.,**

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUD DALORE-607001**

**APRIL - 2023**

# CERTIFICATE

This is to certify that the Mini Project entitled

## HOME TUIN

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvallur University-Chidambaram)

By

ANTONY EDISON.S

ARULRAJ.R

[A20CSDC01]

[A20CSDC02]

For the partial fulfillment for the award of degree of  
**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Is a Bonafide record of work carried out by them

Under my guidance and supervision.

  
INTERNAL GUIDE

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Cuddalore-605 001.

Submitted for the viva-voce examination held on 28/04/2023

Examiners:

1. 

2. 

# **DOCTOR APPOINTMENT BOOKING SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**S. BALAJI**

**[A20CSDC03]**

**R. BHARATH**

**[A20CSDC04]**

Under the Guidance of

**Dr. C. CHRISTY, M.C.A., M.Phil., SET., Ph.D.,**

**(Assistant Professor, P.G. and Research Department of Computer Science)**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**(Affiliated to Thiruvalluvar University – Vellore)**

**CUDDALORE-607001**

**APRIL - 2023**

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## DOCTOR APPOINTMENT BOOKING SYSTEM

Being submitted to

**ST. JOSEPH COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(Affiliated to Thiruvalluvar University-Vellore)

By

**S. BALAJI**  
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**R. BHARATH**  
(A20CSDC04)

Submitted for the partial fulfilment for the award of degree of

## BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by him

Under My guidance and supervision

*Christy C*  
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*Dr. M. Arunmai Selvan*  
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Submitted for the viva-voce examination held on 28/04/2023

Examiners:

1. *Dr. C. Christy*

2. *R. Vivek*



# **PR EVENT MANAGEMENT**

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**R.CHANDRU**  
**(A20CSDC05)**

**P.DASS**  
**(A20CSDC06)**

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**(AUTONOMOUS)**

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**CUDDALORE- 607001**

**APRIL-2023**

# CERTIFICATE

This is to certify that the Mini-Project entitled

## PR EVENT MANAGEMENT

Being submitted to

### ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

(Affiliated to Thiruvalluvar University-Vellore)

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R.CHANDRU

(A20CSDC05)

P.DASS

(A20CSDC06)

Submitted for the partial fulfillment for the award of degree of  
**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

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*Christy. C*  
**INTERNAL GUIDE**

**Dr. C. CHRISTY, M.C.A., M.Phil., SET, Ph.D.,**  
Assistant Professor  
P.G. & Research Dept. of Computer Science,  
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**HEAD OF DEPARTMENT**

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Submitted for the viva-voce examination on 28.4.2023

**Examiners:**

1. *X284*
2. *R. Vive*

**SECOND HAND CAR SELLING MANAGEMENT SYSTEM**

**A Mini Project Report**

Submitted for the partial fulfillment for

the award of degree

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**P. DATCHINAMOORTHY**

**M.GOPI**

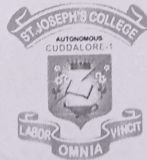
**[A20CSDC07]**

**[A20CSDC09]**

**Under the Guidance of**

**Dr. A.R, Johnson Durai M.C.A., M.Phil., Ph.D**

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL-2023**

# CERTIFICATE

This is to certify that the Mini Project entitled  
**SECOND HAND CAR SELLING MANAGEMENT SYSTEM**  
Being submitted to

**St. Joseph's College of Arts and Science (Autonomous),**  
(Affiliated to Thiruvallur University- Vellore)

By

**P.DATCHINAMOORTHY**  
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**M.GOPI**  
[A20CSDC09]

For the partial fulfillment for the award of degree of  
**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**  
Is a Bonafide record of work carried out by them,  
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*Cfo*  
**INTERNAL GUIDE**

*RC*  
**HEAD OF THE DEPARTMENT**

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Submitted for the viva-voce examination held on **28.04.2023**

**Examiners:**

- 1. *R. S. SIVAKUMAR***
- 2. *R. L. V. L.***



# **BUILDING CONSTRUCTION MATERIAL SELLING**

A Mini Project Report

Submitted for the partial fulfillment for the

award of degree of

## **BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**HARI KUMAR.S**  
[REG NO: A20CSDC10]

**JAYADEVAN.P**  
[REG NO: A20CSDC11]

Under the Guidance of

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS)**

**P.G. and Research Department of Computer science**

(Affiliated to Thiruvalluvar University, Vellore)

**CUDDALORE-607001**

**APRIL - 2023**

# CERTIFICATE

This is to certify that the Mini Project entitled  
**BUILDING CONSTRUCTION MATERIAL SELLING**

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),  
(Affiliated to Thiruvalluvar University-Vellore)

By

**HARIKUMAR.S**

[REG NO: A20CSDC10]


**JAYADEVEN.P**

[REG NO: A20CSDC11]

For the partial fulfillment for the award of degree of  
**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.

  
**INTERNAL GUIDE**

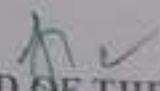
**Dr. A.R. JOHNSON DURAI, M.CA, M.Phil., Ph.D.**

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CUDDALORE - 607 001.

  
**HEAD OF THE DEPARTMENT**

**Dr. NARAYAN SELVARAJU, M.A., M.Phil., Ph.D.**

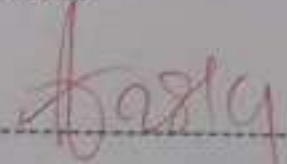
Head, P.G. and Research Department of Computer Science

St. Joseph's College of Arts & Science (Autonomous),

CUDDALORE-607 001.

Submitted for the viva-voce examination held on 28/04/2023

**Examiners:**

1. 

2. 

## CERTIFICATE

This is to certify that the Mini Project entitled  
**SELF DRIVE CARS BOOKING SYSTEM**

Being submitted to  
**St. Joseph's College of Arts and Science (Autonomous),**  
**(Affiliated to Thiruvalluvar University-Vellore)**

By

**S. JEEVANANDAN**

**N. KALAIIVANAN**

**[A20CSDC12]**


**[A20CSDC13]**

For the partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.

  
**INTERNAL GUIDE**  
**Dr. J. JAYAPAL, M.C.A., M.Phil., Ph.D.**  
Assistant Professor  
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**HEAD OF THE DEPARTMENT**  
**Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(Computer Science), Ph.D.**  
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Cuddalore-607 001.

Submitted for the viva-voce examination held on 28-04-2023

**Examiners:**

1. 
2. 

# **MUSICAL INSTRUMENT SYSTEM**

## **A Mini Project Report**

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**S. KATHIRVEL**

**[A20CSDC14]**

**J. KISHORE KUMAR**

**[A20CSDC15]**

Under the Guidance of

**Dr. A. Arun Benedict, M.Sc., M.Phil.,**

(Assistant Professor, PG and Research Department of Computer Science)



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL-2023**



## CERTIFICATE

This is to certify that the Mini Project entitled

### MUSICAL INSTRUMENTS SYSTEM

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University-Vellore)

By

KATHIRVEL. S

KISHORE KUMAR. J

[A20CSDC14]

[A20CSDC15]

For the partial fulfillment for the award of degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by them.

Under my guidance and supervision.

  
INTERNAL GUIDE

**A. ARUN BENEDICT, M.Sc., B.Ed., B.P.Ed.,**  
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Cuddalore-607 001.

Submitted for the viva-voce examination held on 28-04-2023

Examiners:

1. 

2. 

# CERTIFICATE

This is to certify that the Mini Project entitled  
ONLINE GROCERY SHOPPING SYSTEM

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University-Vellore)

By

LOGESH.M

LUMIYAN GURUSKING.I

REG NO[A20CSDC16]

REG NO[A20CSDC17]

For the partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Is a Bonafide record of work carried out by them.

Under my guidance and supervision.

  
INTERNAL GUIDE


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Submitted for the viva-voce examination held on 28/04/23

Examiners:

1. 

2. 

**ONLINE BOOKING SYSTEM**

**(Cab and movie tickets)**

**A Mini Project Report**

**Submitted for the partial fulfillment for**

**the award of degree of**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**by**

**MANIKANDAN.P**

**MATHANNRAJH.S**

**[Reg.No:A20CSDC18]**

**[Reg.No:A20CSDC19]**

**Under the Guidance of**

**Dr.J.JAYAPAL M.C.A.,D.M.E., M.Phil.,Ph.D.,**

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**P.G. and Research Department of Computer Science**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL - 2023**

## CERTIFICATE

This is to certify that the Mini Project entitled

### ONLINE BOOKING SYSTEM

(Cab and Movie tickets)

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous),**

(Affiliated to Thiruvalluvar University-Vellore)

By

**MANIKANDAN.P**

**MATHANNRAJH.M**

Reg.No:[A20CSDC18]

Reg.No:[A20CSDC19]

For the partial fulfillment for the award of degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.

  
**INTERNAL GUIDE**  
**Dr. J. JAYAPAL, M.C.A., M.Phil., Ph.D.,**  
Assistant Professor  
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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 22/11/2023

**Examiners:**

1. 

2. 



# **E-BOOK STORE MANAGEMENT SYSTEM**

**A Mini Project Report**

**Submitted for the partial fulfillment for**

**the award of degree of**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**by**

**PARANTHAMAN.V**

**PRASANTH.S**

**[Roll No:A20CSDC20]**

**[Roll No:A20CSDC21]**

**Under the Guidance of**

**Dr.J.Jayapal,M.C.A.,D.M.E.,M.Phil.,Ph.D.,**

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**PG and Research Department of Computer Science**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL - 2023**

## CERTIFICATE

This is to certify that the Mini Project entitled  
**E-BOOK STORE MANAGEMENT SYSTEM**

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous),**  
(Affiliated to Thiruvalluvar University-Vellore)

By

**PARANTHAMAN.V**

**PRASANTH.S**

[Roll No:A20CSDC20]

[Roll No:A20CSDC21]

For the partial fulfillment for the award of degree of  
**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Is a Bonafide record of work carried out by them,

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**INTERNAL GUIDE**  
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Colleges-SST 201

**Examiners:**

1. 

2. 

**NCC ENROLLMENT SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for the  
award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**PRAVEEN.M**

**PREMKUMAR.R**

**[REG NO: A20CSDC22]**

**[REG NO: A20CSDC23]**

Under the Guidance of

**Dr. J. JAYAPAL, M.C.A., D.M.E., M.Phil., Ph.D.,**

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**P.G. and Research Department of Computer Science**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL - 2023**

## CERTIFICATE

This is to certify that the Mini Project entitled

### NCC ENROLLMENT SYSTEM

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous),**

(Affiliated to Thiruvalluvar University-Vellore)

By

**PRAVEEN.M**

**PREMKUMAR.R**

[REG NO: A20CSDC22]

[REG NO: A20CSDC23]

For the partial fulfillment for the award of degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

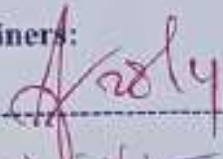

Under my guidance and supervision.

  
**INTERNAL GUIDE**  
**Dr. J. JAYAPAL, M.C.A., M.Phil., Ph.D.,**  
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**HEAD OF THE DEPARTMENT**  
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Submitted for the viva-voce examination held on 28-04-2023

**Examiners:**

1.   
2. 



**COLLEGE UNION ELECTION ONLINE VOTING**

**A Mini Project Report**

**Submitted for the partial fulfillment for the**

**award of degree of**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**by**

**RAHUL.P**

**RATHINAVEL.K**

**[REG NO: A20CSDC24]**

**[REG NO: A20CSDC25]**

**Under the Guidance of**

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL - 2023**

## CERTIFICATE

This is to certify that the Mini Project entitled  
**COLLEGE UNION ELECTION ONLINE VOTING**

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous),**  
(Affiliated to Thiruvalluvar University-Vellore)

By

**RAHUL.P**

**RATHINAVEL.K**


[REG NO: A20CSDC24]


[REG NO: A20CSDC25]

For the partial fulfillment for the award of degree of  
**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

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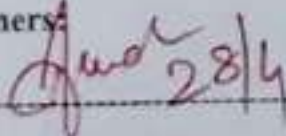
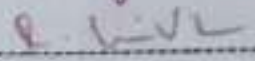
  
**INTERNAL GUIDE**  
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Submitted for the viva-voce examination held on 28.04.2022

**Examiners:**

1.  28/4
2. 

# **GYM EQUIPMENTS ONLINE SHOPPING**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

By

**SANJALA**

**SANTHOSH KUMAR.R**

**[A20CSDC26]**

**[A20CSDC27]**

Under the Guidance of

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL-2023**

# CERTIFICATE

This is to certify that the Mini Project entitled  
**GYM EQUIPMENTS ONLINE SHOPPING**

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous),**  
**(Affiliated to Thiruvalluvar University-vellore)**

By

**SANJALA**

**SANTHOSH KUMAR.R**

**[A20CSDC26]**

**[A20CSDC27]**

For the partial fulfillment for the award of degree of  
**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

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Under my guidance and supervision.

  
**INTERNAL GUIDE**

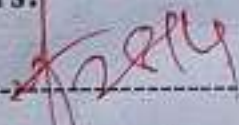
**Dr. VICTORIA ARAND MARY** M.A., M.Phil., B.Ed., SET, Ph.D.  
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Submitted for the viva-voce examination held on 22/04/2023

**Examiners:**

1. 

2. 



# **ART GALLERY MANAGEMENT SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**SARATHI.G**

**SHEIK MOHAMMED IBRAHIM.A**

**[A20CSDC28]**

**[A20CSDC29]**

**Under the Guidance of**

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL - 2023**

# **VEHICLE BREAKDOWN ASSISTANCE**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**SIVAKUMAR.K**

**SRINIVAS.B**

**[A20CSDC30]**

**[A20CSDC31]**

Under the Guidance of

**Dr. S. MUTHUKUMARAN, M.Sc.,M.Phil.,Ph.D.,**

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL-2023**

## CERTIFICATE

This is to certify that the Mini Project entitled

### VEHICLE BREAKDOWN ASSISTANCE

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University-Vellore)

By

SIVAKUMAR.K

SRINIVAS.B

[A20CSDC30]

[A20CSDC31]

For the partial fulfillment for the award of degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

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27/04/23

#### INTERNAL GUIDE

**Dr. S. MUTHUKUMARAN**, M.Sc., ITI, M.Phil., Ph.D.,

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Cuddalore-607 001.

Submitted for the viva-voce examination held on 28.04.2023

Examiners:

1. *[Signature]*

2. *[Signature]*

# **LEGEND BATTERIES**

A Mini Project Report

Submitted for the partial fulfillment for  
the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

By

**SUBASH.G**

**[A20CSDC32]**

**SUSIDHARAN.S**

**[A20CSDC33]**

Under the Guidance of

**Dr. S. MUTHUKUMARAN, M.Sc., M.Phil., Ph.D.,**

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL-2023**



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### LEGEND BATTERIES

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University-Vellore)

By

SUBASH.G

SUSIDHARAN.S

[A20CSDC32]

[A20CSDC33]

For the partial fulfillment for the award of degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

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Under my guidance and supervision.

  
INTERNAL GUIDE

Dr. S. MUTHUKUMAR, M.Sc., M.Phil.,  
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Dudhupore - 607 001

  
HEAD OF THE DEPARTMENT

Submitted for the viva-voce examination held on 28.04.2023

Examiners:

1. 

2. 

# **CRIME REPORTING SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**THILLAIVILLALAN S**

**UDHAYAKANNAN P**

**[A20CSDC34]**

**[A20CSDC35]**

**Under the Guidance of**

**Dr. S. MUTHUKUMARAN, M.Sc.(IT),M.Phil.,Ph.D.,**

(Assistant Professor, P.G. and Research Department of Computer Science)



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL-2023**

## CERTIFICATE

This is to certify that the Mini Project entitled

### CRIME REPORTING SYSTEM

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous),**

**(Affiliated to Thiruvalluvar University-Vellore)**

By

**THILLAIVILLALAN S**

**UDHAYAKANNAN P**

**[A20CSDC34]**

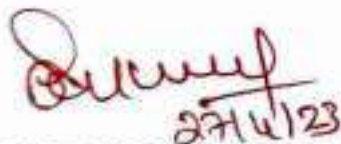
**[A20CSDC35]**

For the partial fulfillment for the award of degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.



**INTERNAL GUIDE**

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Cuddalore-607 001.

Submitted for the viva-voce examination held on 28.04.2023

**Examiners:**

1. 

2. 

# **TOURISM BOOKING MANAGEMENT SYSTEM**

**A Mini Project Report**

**Submitted for the partial fulfillment for**

**The award of degree of**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**By**

**VASANTHARAJAN.S**  
**[A20CSDC36]**

**VIGNESH.D**  
**[A20CSDC36]**

**Under the Guidance of**

**Mrs.J.HEMALATHA., M.Sc(IT),M.Phil.,**

**(Assistant Professor, P.G. and Research Department of Computer Science)**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL-2023**



## CERTIFICATE

This is to certify that the Mini Project entitled  
**TOURISM BOOKING MANGEMENT SYSTEM**

Being submitted to  
**St. Joseph's College of Arts and Science (Autonomous),**  
(Affiliated to Thiruvalluvar University-Vellore)

By

**VASANTHARAJAN.S**  
[A20CSDC36]

**VIGNESH.D**  
[A20CSDC37]

For the partial fulfillment for the award of degree of  
**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Is a Bonafide record of work carried out by them.

Under my guidance and supervision.

*Hemalatha*  
**INTERNAL GUIDE**

Assistant  
PG & Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

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PG & Research Department of Computer Science  
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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 28-04-2023

**Examiners:**

1. *[Signature]*

2. *[Signature]*

**ONLINE HOTEL ROOM BOOKING MANAGEMENT**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**VIJAY.R**

**VIJAYAKUMAR.S**

**[A20CSDC38]**

**[A20CSDC39]**

Under the Guidance of

**Mrs.J.HEMALATHA ., M.Sc(IT),M.Phil.,**

**(Assistant Professor, P.G. and Research Department of Computer Science)**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL - 2023**

# CERTIFICATE

This is to certify that the Mini Project entitled  
**ONLINE HOTEL ROOM BOOKING MANAGEMENT**

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University-Vellore)

By

VIJAY.R

VIJAYAKUMAR.S

[A20CSDC38]

[A20CSDC39]

For the partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.

*Hemalatha J*  
**INTERNAL GUIDE**

PG and Research  
St. Joseph's College of Arts & Science  
Cuddalore - 605 004

Science  
(Computer)

*[Signature]*  
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St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-605 004.

Submitted for the viva-voce examination held on 22-04-2023

Examiners:

1. *[Signature]*  
2. *[Signature]*

# SYSTEM SALES MANAGEMENT

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

VISHNURAJ.D

YUVARAJ.K

[A20CSDC40]

[A20CSDC41]

Under the Guidance of

MRS.J.HEMALATHA, M.sc.,M.Phil.,Ph.d.,

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ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

APRIL-2023



## CERTIFICATE

This is to certify that the Mini Project entitled

### SYSTEM SALES MANAGEMENT

Being submitted to

St. Joseph's College of Arts and Science(Autonomous),

(Affiliated to Thiruvalluvar University-Vellore)

By

VISHNU RAJ.D

YUVARAJ.K

[A20CSDC40]

[A20CSDC41]

For the partial fulfillment for the award of degree

### BACHELOR OF SCIENCE COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.

*Hemalatha*  
INTERNAL GUIDE

PG and Res.  
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St. Joseph's College of Arts & Science (Autonomous),  
Guddalore-607 001.

Submitted for the viva-voce examination held on 28/4/23

Examiners:

1. *[Signature]*

2. *[Signature]*

## **CERTIFICATE**

This is to certify the Mini Project entitled  
**HARVESTER SPARE PARTS ONLINE SHOPPING**

Being submitted to  
**St.Joseph's College of Arts and Science (Autonomous),**  
**(Affiliated to Thiruvalluvar University-Vellore)**

By

**RAGUL.R**

**VENKATESAN.G**

**[A20CSDC42]**

**[A20CSDC43]**

For the partial fulfillment for the award of degree of  
**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.



**INTERNAL GUIDE**  
Dr. V. SUDHA BABUKUMAR, M.Sc., M.Phil., Ph.D.



**HEAD OF THE DEPARTMENT**  
Dr. M. ARUNA SELVI, M.Sc., M.Phil., Ph.D.

# **HARVESTERSPAREPARTSONLINESHOPPING**

**A mini Project Report**

**Submit for the partial fulfillment for**

**The award of degree of**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**by**

**RAGUL.R**

**VENKATESAN.G**

**[A20CSDC42]**

**[A20CSDC43]**

**Under the Guidance of**

**Dr. V. SUDHA , M.Sc, M.Phil., Ph.D.,**

**(Assistant Professor.,P.G and Research Department of Computer Science)**



**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE**

**APRIL-2023**

# **AGRI FARM MANAGEMENT SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**LOKARANJANE.M**

**EMGEEYAR.A**

**A20CSDC44**

**A20CSDC45**

Under the Guidance of

**Mrs. C.MARY SHAKKINA M.C.A., M.Phil., B.Ed.**

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL-2023**



## CERTIFICATE

This is to certify that the Mini Project entitled

**AGRI – FARM MANAGEMENT SYSTEM**

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous),**

**(Affiliated to Thiruvalluvar University-Vellore)**

By

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**[A20CSDC44]**

**[A20CSDC45]**

For the partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.

*C. Mary Shakkina*  
**INTERNAL GUIDE**  
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Submitted for the viva-voce examination held on

*[Signature]*  
**HEAD OF THE DEPARTMENT**

28.04.2028

**Examiners:**

1. *[Signature]*

2. *[Signature]*

# **ELECTRONIC SHOP**

## **A Mini Project Report**

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**V. LOKESH**

**[A20CSDC46]**

**J. JAYACHANDRU**

**[A20CSDC47]**

**Under the Guidance of**

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**(Guest Professor, P.G. and Research Department of Computer Science)**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL-2023**

## CERTIFICATE

This is to certify that the Mini Project entitled

### ELECTRONIC SHOP

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous),**

**(Affiliated to Thiruvalluvar University- Vellore)**

By

**V. LOKESH**

**J. JAYACHANDRU**

**[A20CSDC46]**

**[A20CSDC47]**

For the partial fulfillment for the award of degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

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Submitted for the viva-voce examination held on 28/04/2023

**Examiners:**

1. 

2. 

# **STUDENT ERP LOGIN SECURE**

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

## **BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**J.GOWTHAM**  
**(A20CSDC49)**

**R.RAJA**  
**(A20CSDC48)**

Under the Guidance of

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**ST.JOSEPH'S COLLEGE OF ARTS &SCIENCE (AUTONOMOUS)**

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**CUDDALORE- 607001**

**APRIL-2023**



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**STUDENT ERP LOGIN SECURE**

Being submitted to

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(Affiliated to Thiruvalluvar University-Vellore)

by

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(A20CSDC49)

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Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Is a Bonafide record of work carried out by him

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A. Adreani  
INTERNAL G

**Mrs. A. ABIRAMI, M.Sc., M.Phil.**  
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Cuddalore - 607 001.

HEAD OF DEPARTMENT

Submitted for the viva-voce examination on 28.04.2023

1. 20/01

2. R. v. V.

# **BEAUTY PARLOUR MANAGEMENT SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**RAVIVARMAN.R**

**NANTHAKUMAR.S**

**[A20CSDC51]**

**[A20CSDC52]**

**Under the Guidance of**

**Mrs.A.ABIRAMI , M.Sc.,M.Phil.,**

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**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL – 2023**

## CERTIFICATE

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**BEAUTY PARLOUR MANAGEMENT SYSTEM**

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous),**  
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By

**RAVIVARMAN.R**

**NANTHAKUMAR.S**

**[A20CSDC51]**

**[A20CSDC52]**

For the partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

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Under my guidance and supervision.

  
**INTERNAL GUIDE**


**Mrs. A. ABIRAMI, M.Sc., M.Phil.,**  
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Submitted for the viva-voce examination held on 21.04.2023

**Examiners:**

1. 

2. 

# **ALL IN ONE EDITORS WEBSITE**

A Mini Project Report

Submitted for the partial fulfillment

for the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**SARAVANAN.M**

**AJITH KUMAR.S**

**[A20CSDC53]**

**[A20CSDC54]**

**Under the Guidance of**

**Mrs.A.ABIRAMI , M.Sc.,M.Phil.,**

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**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL - 2023**



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This is to certify that the Mini Project entitled

### ALL IN ONE EDITORS WEBSITE

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University-Vellore)

By

SARAVANAN.M  
[A20CSDC53]

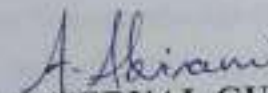
AJITH KUMAR.S  
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For the partial fulfillment for the award of degree of


### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

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Submitted for the viva-voce examination held on 28/04/2023

Examiners:

1. 

2. 

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)****CUDDALORE-607001****PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE****List of Students undertaking Projects****Class:** III B.Sc (Computer Science)-‘A’(Shift-II)**Batch:** 2020-2023

S.No	Roll No	Name of the Students	Project Title
01	A20CSEA01	S. Aishwarya	J-Cafe
02	A20CSEA02	S. Aishwarya	
03	A20CSEA03	R. Ashwini	Zany Trax
04	A20CSEA04	M. Asmath	
05	A20CSEA05	K. Bhuvaneswari	Sanguis Bank
06	A20CSEA06	M. Dharshini	
07	A20CSEA07	K. Durga	Sports Warriors
08	A20CSEA09	R. Hersheni	
09	A20CSEA10	K. Imaya	CSGOV Job
10	A20CSEA11	J. Jayasri	
11	A20CSEA12	S. Kamali	KK Pro Paints
12	A20CSEA13	D. Karthiga	
13	A20CSEA14	S. Kavithanjali	Library Management System
14	A20CSEA15	D.Kaviya	
15	A20CSEA17	M. Kiresiha	Coche Rental Management
16	A20CSEA18	B. Madhumitha	
17	A20CSEA19	R.M. Nandhini	Build Your Career
18	A20CSEA20	K. Narmatha	

19	A20CSEA21	M. Padmapriya	She Style
20	A20CSEA22	S. Preetha	
21	A20CSEA23	V. Preethi Sherlin	Lovely Castle
22	A20CSEA24	M. Ranjini	
23	A20CSEA25	S. Rogini	Queen's Garden
24	A20CSEA26	M. Sarumathi	
25	A20CSEA27	V. Shobana	College Form
26	A20CSEA28	R. Snega	
27	A20CSEA29	M. Sowbarnika	Alpha Health Care
28	A20CSEA30	B. Sujitha	
29	A20CSEA31	B. Swathi	Trende Mobile's & Accessories
30	A20CSEA32	E. Swathi	
31	A20CSEA33	K. Swathi	Namaskar Temple Management System
32	A20CSEA34	S. Swathi	
33	A20CSEA36	N. Thamilmathi	Picsnow Photography
34	A20CSEA37	T. Thrisha Padmavathi	
35	A20CSEA39	D.Vinothini	Organic Fruits and Vegetables Selling Web Application
36	A20CSEA40	Y. Yashitha Begam	
37	A20CSEA41	A. Asha	Venus Travels
38	A20CSEA42	S. Sowmiya Bharathi	
39	A20CSEA43	M. Roshni	Help on Hunger
40	A20CSEA45	K. Arthy	
41	A20CSEA46	V. Visithra	

**J - CAFE**

**A Mini Project Report**

**Submitted for the partial fulfillment for the award of degree of  
BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**by**

**S. AISHWARYA**

**[A20CSEA01]**

**S. AISHWARYA**

**[A20CSEA02]**

**Under the Guidance of**

**Dr.M.Arumai Selvam , M.Sc., M.Phil., Ph.D., PGDCSA.,**

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**P.G. AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL - 2023**



## CERTIFICATE

This is to certify that the Mini Project entitled

**J - CAFE**

Being submitted to the

**St. Joseph's College of Arts and Science (Autonomous),**

**(Affiliated to Thiruvalluvar University-Vellore)**

By

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**[A20CSEA01]**

**S.AISHWARYA**

**[A20CSEA02]**

For the partial fulfillment for the award of degree of  
**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

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Under my guidance and supervision.

  
**INTERNAL GUIDE**

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Submitted for the viva-voce examination held on 28.04.2022

**Examiners:**

1. 

2. 

# **ZANY TRAX**

A Mini project Report

Submitted for the partial fulfilment for

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**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

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**ASMATH. M**

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**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL-2023**

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**ZANY TRAX**

Being submitted to the

**St. Joseph's College of Arts and Science (Autonomous),**

(Affiliated to Thiruvalluvar University-Vellore)

By

**R. ASHWINI**

[A20CSEA03]

**M.ASMATH**

[A20CSEA04]

For the partial fulfilment for the award of degree of

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**INTERNAL GUIDE**

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Submitted for the viva-voce examination held on 28.04.2022

**Examiners:**

1. 

2. 

# **SANGUIS BANK**

A Mini Project Report

submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**BHUVANESWARL.K**

**DHARSHINI.M**

**[A20CSEA05]**

**[A20CSEA06]**

**Under the Guidance of**

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL – 2023**



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### SANGUIS BANK

being submitted to St. Joseph's College of Arts and Science (Autonomous),

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**DHARSHINI.M**

**[A20CSEA05]**

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for the partial fulfillment for the award of degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

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under my guidance and supervision.

*Thiruvalluvar*  
26/4/2023  
**INTERNAL GUIDE**

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**Examiners:**

1. *A. S. S. S. S.*

2. *R. Vive*

# **SPORTS WARRIORS**

A Mini Project Report

Submitted for the partial fulfillment for  
the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

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**HERSHENLR**

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**CUDDALORE-607001**

**APRIL - 2023**

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### SPORTS WARRIORS

Being submitted to

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By

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**[A20CSEA09]**

For the partial fulfillment for the award of degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

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*Christy. c*  
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Submitted for the viva-voce examination held on 28.04.2023

Examiners:

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28/4

*[Signature]*  
28/4

**CSGOV JOB**

A Mini Project Report

Submitted for the partial fulfillment for  
the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

BY

**IMAYA.K**

**JAYASRIJ**

**[A20CSEA10]**

**[A20CSEA11]**

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**CUDDALORE-607001**

**APRIL-2023**



## CERTIFICATE

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**CSGOV\_JOB**

being submitted to

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by

**IMAYA.K**

**JAYASRIJ**

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**[A20CSEA11]**

For the partial fulfillment for the award of degree of

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*Christy.c*  
**INTERNAL GUIDE**

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Submitted for the viva-voce examination held on 28.04.2022

**Examiners:**

1. *[Signature]*

2. *[Signature]*

**KK PRO PAINTS**

A Mini Project Report

Submitted for the partial fulfillment for  
the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

By

**S.KAMALI**

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**D.KARTHIGA**

**[A20CSEA13]**

Under the Guidance of

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**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL-2023**

## CERTIFICATE

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Being submitted to the  
St. Joseph's College of Arts and Science (Autonomous),  
Affiliated to Thiruvalluvar University-Vellore.

By

**S.KAMALI**  
[A20CSEA12]

**D.KARTHIGA**  
[A20CSEA13]

For the partial fulfillment for the award of degree of  
**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**  
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Under my guidance and supervision.

*Christy.c*  
**INTERNAL GUIDE**

**Dr. C. CHRISTY, MCA, M.Phil, SET Ph.D.**  
Assistant Professor  
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St. Joseph's College of Arts & Science (Autonomous)  
CUDDALORE - 607 001

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**HEAD OF THE DEPARTMENT**

Submitted for the viva-voce examination held on 28/04/2023

**Examiners:**

1. *[Signature]*  
2. *[Signature]*

# **LIBRARY MANAGEMENT SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**KAVITHANJALLIS**  
[A20CSEA14]

**KAVIYA.D**  
[A20CSEA15]

Under the Guidance of

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**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL - 2023**



## CERTIFICATE

This is to certify that the Mini Project entitled

### LIBRARY MANAGEMENT SYSTEM

being submitted to

St. Joseph's College of Arts and Science (Autonomous),  
(Affiliated to Thiruvalluvar University-Vellore)

By

KAVITHANJALLS  
[A20CSEA14]

KAVIYA.D  
[A20CSEA15]

For the partial fulfillment for the award of degree of

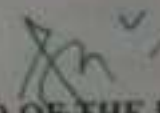
### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.

  
INTERNAL GUIDE

Dr. A.R. JOHNSON DURAI, MCA, M.Phil, Ph.D.  
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Submitted for the viva-voce examination held on 28/04/2023

Examiners:

1. 

2. 

**COCHE RENTAL MANAGEMENT**

**A Mini Project Report**

**Submitted for the partial fulfillment for**

**the award of degree of**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**by**

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**MADHUMITHA.B**

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**[A20CSEA18]**

**Under the Guidance of**

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**(Assistant Professor, PG and Research Department of Computer Science)**



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**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL - 2023**

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### COCHE RENTAL MANAGEMENT

being submitted to St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvallur University-Vellore)

By

KIRESIHA.M

MADHUMITHA.B

[A20CSEA17]

[A20CSEA18]

For the partial fulfillment for the award of degree of

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INTERNAL GUIDE

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Submitted for the viva-voce examination held on 29.04.2023

Examiners:

1. 

2. 

**BUILD YOUR CAREER**

A Mini Project Report

Submitted for the partial fulfillment for  
the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**R. M. NANDHINI**

[R.No.A20CSEA19]

**K.NARMATHA**

[R.No.A20CSEA20]

Under the Guidance of

**Dr. J.Jayapal, M.C.A., D.M.E., M.Phil., Ph.D.,**

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**PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL - 2023**



## CERTIFICATE

This is to certify that the Mini Project entitled

### BUILD YOUR CAREER

Being submitted to the

**St. Joseph's College of Arts and Science (Autonomous),**

**(Affiliated to Thiruvalluvar University-Vellore)**

By

**R.M.NANDHINI**

**[R.No.A20CSEA19]**

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**[R.NO.A20CSEA20]**

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#### INTERNAL GUIDE

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Submitted for the viva-voce examination held on 28/04/23

#### Examiners:

1. [Signature]

2. [Signature]

# **SHE STYLE**

A Mini Project Report

Submitted for the partial fulfillment for  
the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**M. PADMAPRIYA**

[Regno :A20CSEA21]

**S. PREETHA**

[Regno :A20CSEA22]

Under the Guidance of

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**(AUTONOMOUS)**  
**CUDDALORE-607001**

**APRIL - 2023**

## CERTIFICATE

This is to certify that the Mini Project entitled

### SHE STYLE

Being submitted to the

St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University-Vellore)

by

**M. PADMAPRIYA**

[Regno : A20CSEA21]

**S. PREETHA**

[Regno : A20CSEA22]

For the partial fulfillment for the award of degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

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Submitted for the viva-voce examination held on 28.4.2023

#### Examiners:

1. [Signature]

2. [Signature]



**LOVELY CASTLE**

**A Mini Project Report**

**Submitted for the partial fulfillment for**

**the award of degree of**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**by**

**V. PREETHI SHERLIN**

**M. RANJINI**

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**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL - 2023**



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Being submitted to the

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**M. RANJINI**

[Regno : A20CSEA23]

[Regno : A20CSEA24]

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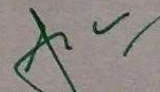
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Submitted for the viva-voce examination held on 28.04.2023

**Examiners:**

1. 

2. 



**QUEEN'S GARDEN**

**A Mini Project Report**

**Submitted for the partial fulfillment for**

**the award of degree of**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**by**

**S.ROGINI**

**[A20CSEA25]**

**M.SARUMATHI**

**[A20CSEA26]**

**Under the Guidance of**

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL -2023**

## CERTIFICATE

This is to certify that the Mini Project entitled

### QUEEN'S GARDEN

being submitted to

St. Joseph's College of Arts and Science (Autonomous),  
Affiliated to Thiruvalluvar University-Vellore.

by

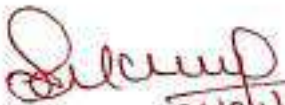
**S.ROGINI**  
[A20CSEA25]

**M.SARUMATHI**  
[A20CSEA26]

For the partial fulfillment for the award of degree of  
**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

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Under my guidance and supervision.

  
26/04/23

**INTERNAL GUIDE**


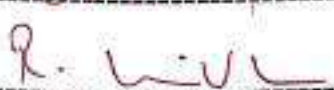
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Submitted for the viva-voce examination held on 28-04-23

**Examiners:**

1. 
2. 

**COLLEGE FORUM**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**SHOBANA.V**

**SNEGA.R**

**[R.No.A20CSEA27]**

**[R.No.A20CSEA28]**

**Under the Guidance of**

**Mrs. J. Hemalatha M.sc.(IT), M.Phil.,**

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**PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL-2023**



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This is to certify that the Mini Project entitled

### COLLEGE FORUM

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University-Vellore)

By

SHOBANA.V

SNEGA.R

[R.No.A20CSEA27]

[R.No.A20CSEA28]

For the partial fulfillment for the award of degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.

Hemalatha  
INTERNAL GUIDE

PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore-607001

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Submitted for the viva-voce examination held on 28.04.23

Examiners:

1. [Signature]

2. [Signature]

# **ALPHA HEALTH CARE**

A Mini Project Report

submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**SOWBARNIKA.M**

**SUJITHA.B**

**[A20CSEA29]**

**[A20CSEA30]**

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**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL - 2023**

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This is to certify that the Mini Project entitled

### ALPHA HEALTH CARE

being submitted to St. Joseph's College of Arts and Science (Autonomous),  
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By

SOWBARNIKA.M

SUJITHA.B

[Reg no:A20CSEA29]

[Reg no:A20CSEA30]

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**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

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Under my guidance and supervision.

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Submitted for the viva-voce examination held on 28/4/23

**Examiners:**

1. *A. 28/4*

2. *P. V. V.*

# **TRENDZ MOBILE'S & ACCESSORIES**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**B. SWATHI**

**[R. No.A20CSEA31]**

**E. SWATHI**

**[R. No.A20CSEA32]**

**Under the Guidance of**

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**CUDDALORE-607001**

**APRIL - 2023**



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**TRENDZ MOBILE'S & ACCESSORIES**

Being submitted to

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**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

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Submitted for the viva-voce examination held on 28.4.2023

**Examiners:**

1.

2.

2

**NAMASKAR TEMPLE MANAGEMENT SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**K.SWATHI**  
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**S.SWATHI**  
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**CUDDALORE-607001**

**APRIL - 2023**

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This is to certify that the Mini Project entitled  
**NAMASKAR TEMPLE MANAGEMENT SYSTEM**  
being submitted to  
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by

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**[A20CSEA34]**

For the partial fulfillment for the award of degree of  
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**INTERNAL GUIDE**

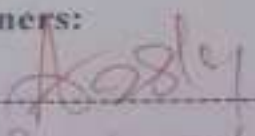
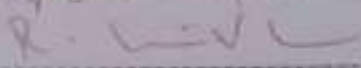
PG and Research Department of Computer Science  
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Cuddalore-607001

  
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Submitted for the viva-voce examination held on 28.04.2022

**Examiners:**

1.   
2. 



# **PICSNOW PHOTOGRAPHY**

A Mini Project Report

Submitted for the partial fulfillment for  
the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

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**T.THRISHA PADMAVATHI**

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**CUDDALORE-607001**

**APRIL - 2023**



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This is to certify that the Mini Project entitled  
**PICSNOW PHOTOGRAPHY**  
Being submitted to the  
St. Joseph's College of Arts and Science (Autonomous),  
Affiliated to Thiruvalluvar University-Vellore.  
by

**N.THAMILMATHI**  
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**T.THRISHA PADMAVATHI**  
[A20CSEA37]

For the partial fulfillment for the award of degree of  
**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**  
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Under my guidance and supervision.

  
**INTERNAL GUIDE**

PG and F... Computer Science  
St. Joseph's College of Arts & Science (Autonomous)

Submitted for the Viva-Voce examination held on

  
**HEAD OF THE DEPARTMENT**

28/04/2023

**Examiners:**

1. 

2. 

**ORGANIC FRUITS AND VEGETABLES SELLING WEB APPLICATION**

**A Mini Project Report**

**Submitted for the partial fulfillment for**

**the award of degree of**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**by**

**VINOTHINLD**

**YASHITHA BEGAM.Y**

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**(AUTONOMOUS)**

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**APRIL-2023**

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**ORGANIC FRUITS AND VEGETABLES SELLING WEB APPLICATION**  
being submitted to

**St. Joseph's College of Arts and Science (Autonomous)**

**(Affiliated to Thiruvalluvar University-Vellore)**

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**VINOTHINI. D**

**YASHITHA BEGAM.Y**

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**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

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**INTERNAL GUIDE**

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Submitted for the viva-voce examination help on 28/04/2023

**Examiners:**

1. *[Signature]*

2. *[Signature]*



# **VENUS TRAVELS**

A Mini Project Report

Submitted for the partial fulfillment for the award of degree of  
**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

By

**A.ASHA**

[Regno: A20CSEA41]

**S. SOWMIYA BHARATHI**

[Regno: A20CSEA42]

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**PG & Research Department of Computer Science**  
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**APRIL – 2023**



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This is to certify that the Mini Project entitled

## VENUS TRAVELS

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University-Vellore)

By

ASHA.A

SOWMIYA BHARATHLS

[Regno: A20CSEA41]

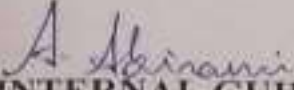
[Regno: A20CSEA42]

For the partial fulfillment for the award of degree of

## BACHELOR OF SCIENCE IN COMPUTER SCIENCE

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INTERNAL GUIDE

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Cuddalore-607 001.

Submitted for the viva-voce examination held on 28.04.2023

Examiners:

1. 
2. 

# **HELP ON HUNGER**

A Mini Project Report

Submitted for the partial fulfillment for  
the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

By

**ROSHNI M [A20CSEA43]**

**ARTHY K [A20CSEA45]**

**VISITHRA V [A20CSEA46]**

Under the Guidance of

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**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL -2023**

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This is to certify that the Mini Project entitled

### HELP ON HUNGER

Being submitted to the

St. Joseph's College of Arts and Science

(Autonomous),

Affiliated to Thiruvalluvar University - Vellore.

by

**ROSHNI M**

[A20CSEA43]

**ARTHY K**

[A20CSEA45]

**VISITHRA V**

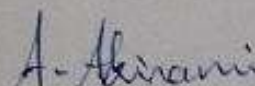
[A20CSEA46]

For the partial fulfillment for the award of degree of

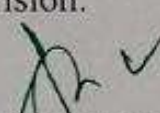
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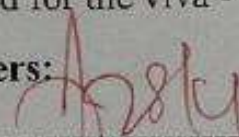

  
**INTERNAL GUIDE**

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Submitted for the viva - voce examination held on 28/4/23

**Examiners:**

1. 
2. 



**START UP AWARENESS AMONG THE COMMERCE STUDENTS IN ST.JOSEPH'S  
COLLEGE OF ARTS & SCIENCE (AUTONOMOUS) CUDDALORE.  
A STUDY**

**A Project report Submitted to  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(Affiliated to Annamalai University, Chidambaram)  
In Partial Fulfilment of the requirement for the award of the degree of**

**MASTER OF COMMERCE**

**Submitted by  
R . ANBARASAN  
(Reg. No: A21MCM02)**

**Under the Guidance of  
Dr. L. SAVARIMUTHU, M.Com., M.Phil., M.B.A., M.Ed., Ph.D.,  
ASSOCIATE PROFESSOR AND HEAD, DEPARTMENT OF  
COMMERCE**



**PG AND RESEARCH DEPARTMENT OF COMMERCE  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001  
MAY-2023**



## BONAFIDE CERTIFICATE

This is to Certify that the Project entitled **START UP AWARENESS AMONG THE COMMERCE STUDENTS IN ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS) CUDDALORE**

A **STUDY** is a Bonafide record work submitted by **R ANBARASAN (A21MCM02)** in Partial fulfilment of the requirement of the degree of **MASTER OF COMMERCE** at **ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE CUDDALORE (AUTONOMOUS)**, during **2022-2023** and that the project work has not been submitted for the award of any other degree.

Place: Cuddalore

Date: 12.05.2023



Signature of the Guide

**Dr. I. SAVARIMUTHU**  
B.Com, M.B.A, M.Phil, M.Ed, Ph.D,  
Associate Professor & Head  
Research Supervisor  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N)-607001, India.



Signature of the HOD

**Dr. I. SAVARIMUTHU**  
B.Com, M.B.A, M.Phil, M.Ed, Ph.D,  
Associate Professor & Head  
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*V. Sundar*  
25.05.2023  
Signature of the External

**Dr. V. SUNDAR, Ph.D,**  
PROFESSOR  
DEPARTMENT OF COMMERCE  
ST. JOSEPH'S COLLEGE  
CANNIYAR - 608 002.

Valued.

**STUDENT'S PERCEPTION ABOUT INTERNSHIP TRAINING WITH  
REFERENCE TO ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS) CUDDALORE**

**A project report Submitted to  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS),CUDDALORE  
(Affiliated to Annamalai University, Chidambaram)**

**In Partial Fulfilment of the requirement for the award of the degree of**

**MASTER OF COMMERCE**

**Submitted by**

**NAME: A. ANJELA MERCY**

**(Reg. No: A21MCM03)**

**Under the Guidance of**

**Dr. I. SAVARIMUTHU, M.Com., M.Phil., M.ED., Ph.D.,**

**ASSOCIATE PROFESSOR AND HEAD,**

**DEPARTMENT OF COMMERCE**



**PG AND RESEARCH DEPARTMENT OF COMMERCE  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**MAY-2023**

## BONAFIDE CERTIFICATE

This is to Certify that the project entitled "STUDENT'S PERCEPTION ABOUT INTERNSHIP TRAINING WITH REFERENCE TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE" is a bonafide record work submitted by A.ANJELA MERCY (A21MCM03) in Partial fulfilment of the requirement for the award of degree of MASTER OF COMMERCE at ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE during the period 2022-2023.

Place: Cuddalore

Date : 11.05.2023



Signature of the Guide

**Dr. I. SAVARIMUTHU**  
M.Com, M.B.A., M.Phil, M.Ed., Ph.D.,  
Associate Professor & Head  
Research Supervisor  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N)-607001, India.



Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com, M.B.A., M.Phil, M.Ed., Ph.D.,  
Associate Professor & Head  
Research Supervisor  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N)-607001, India.

*V. Sundar*  
25.05.2023

Signature of the External

**Dr. V. SUNDAR, Ph.D.,**  
PROFESSOR  
DEPARTMENT OF COMMERCE  
ANNAMALAI UNIVERSITY  
ANNAMALAI NAGAR - 608 002.

*Valued*

**STUDY ON CUSTOMER SATISFICATION TOWARDS CREDIT CARD  
AT HDFC BANK IN CUDDALORE TOWN**

**A Project Report Submitted to**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(Affiliated to Annamalai University, Chidambaram)**

**Is Partial Fulfilment of the requirement for the award of the degree of**

**MASTER OF COMMERCE**

**Submitted by**

**ARJUNE RAM.G**

**(Reg. No: A21MCM04)**

**Under the Guidance of**

**Dr. L. SANTHANA RAJ M.Com., M.A., M.B.M., M.Phil., M.B.A., Ph.D.,**

**ASSOCIATE PROFESSOR OF COMMERCE**



**PG AND RESEARCH DEPARTMENT OF COMMERCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**May-2023**



## BONAFIDE CERTIFICATE

This is to Certify that the project entitled "STUDY ON CUSTOMER SATISFACTION TOWARDS CREDIT CARD AT HDFC BANK IN CUDDALORE TOWN" is a bonafied record work submitted by ARJUNE RAM.G (Reg. No: A21MCM04) in Partial fulfillment of the requirement of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE -607001. During 2021 - 2023 and that the project work has not been submitted for the award of any other degree.

PLACE: CUDDALORE

DATE: 17.05.23

SIGNATURE OF THE GUIDE

*[Signature]*  
Dr. L. SANTHANARAYAN M.Com., M.A., M.B.A., M.Phil., Ph.D.,  
Associate Professor  
PG & Research Dept. of Commerce  
St. Joseph's College of Arts & Science  
(Autonomous)  
Cuddalore - 607 001.

*[Signature]*

SIGNATURE OF THE HOD

Dr. I. SAVARIMUTHU  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.,  
Associate Professor & Head  
Research Supervisor  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (TN)-607001, India.

SIGNATURE OF THE EXTERNAL

*V. Sundar*  
25.05.2023  
Dr. V. SUNDAR, Ph.D.,  
PROFESSOR  
DEPARTMENT OF COMMERCE  
ANNAMALAI UNIVERSITY  
ANNAMALAI NAGAR - 608 002.

*Valued*

**A STUDY ON THE CONSUMER PERCEPTION TOWARDS  
ELECTRIC BIKE IN JKAY TVS, PUDUCHERRY**

**A Project Report Submitted to  
JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE  
(Affiliated to Annamalai University, Chidambaram)  
In Partial Fulfilment of the requirement for the award of the degree of**

**MASTER OF COMMERCE**

**Submitted by  
ARULANANDHAM.G  
(Reg. No: A21MCM05)**

**Under the Guidance of  
Dr. L. SANTHANA RAJ M.Com., M.A., M.B.M., M.Phil., M.B.A., Ph.D.,  
ASSOCIATE PROFESSOR OF COMMERCE**



**PG AND RESEARCH DEPARTMENT OF COMMERCE  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001  
MAY-2023**

## BONAFIDE CERTIFICATE

is to Certify that the project entitled "A STUDY ON THE CONSUMER PERCEPTION TOWARDS ELECTRIC BIKE IN JKAY TVS, PUDUCHERRY" is a bonafide record work submitted by ARULANANDHAM.G (A21MCM05) in Partial fulfillment of the requirement for the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE -607001. During 2021 - 2023 and that project work has not been submitted for the award of any other degree.



Signature of the HOD

**Dr. I. SAVARIMUTHU**

M.Com., M.B.A., M.Phil., M.Ed., Ph.D.

Associate Professor & Head

Research Supervisor

PG & Research Department of Commerce

St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (TN)-607001, India.



Signature of the Guide

**Dr. L. SANTHANA RAJ** M.Com., M.A., M.B.A., M.Ed., M.Phil., Ph.D.

Associate Professor

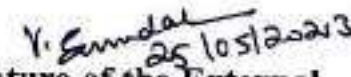
PG & Research Dept. of Commerce

St. Joseph's College of Arts & Science  
(Autonomous)

Cuddalore - 607 001.

Place: CUDDALORE

Date: 11/05/23



Signature of the External

**Dr. V. SUNDAR**, Ph.D.,  
PROFESSOR  
DEPARTMENT OF COMMERCE  
ANNAMALAI UNIVERSITY  
ANNAMALAI NAGAR - 608 002.

Valued



**A STUDY ON THE EMPLOYEE BENEFITS ON  
NON-FINANCIAL SCHEMES IN PROVIDENCE MALL AT  
PUDUCHERRY**

**A Project Report Submitted to  
JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE  
(Affiliated to Annamalai University, Chidambaram)  
In Partial Fulfilment of the requirement for the award of the degree of**

**MASTER OF COMMERCE**

**Submitted by ARUNKUMAR. A (Reg. No: A21MCM06)**

**Under the Guidance of  
Dr. R. Krishnakumar M.Com., M.Phil., M.B.A., PGDFM., SET, Ph.D.  
ASSOCIATE PROFESSOR OF COMMERCE**



**PG AND RESEARCH DEPARTMENT OF COMMERCE  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS) CUDDALORE-607001 MAY-2023**



## BONAFIDE CERTIFICATE

This is to Certify that the project entitled "A STUDY ON THE EMPLOYEE BENEFITS ON NON- FINANCIAL SCHEMES IN PROVIDENCE MALL AT PUDUCHERRY" is a bonafide record work submitted by ARUNKUMAR.A in Partial fulfillment of the requirement of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS) CUDDALORE -607001. During 2021 - 2023 the project work has not been submitted for the award of any other degree.



Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.,  
Associate Professor & Head  
Research Supervisor

PG & Research Department of Commerce  
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Signature of the Guide

**Dr. R. KRISHNAKUMAR,**  
M.Com., M.Phil., M.B.A., PGDFM., SET., Ph.D.,  
Associate Professor & Research Advisor,  
PG & Research Department of Commerce,  
St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore - 607 001.

Place: CUDDALORE

Date: 13-05-2023

*V. Sundar*  
25/05/2023  
Signature of the External

**Dr. V. SUNDAR, Ph.D.,**  
PROFESSOR  
DEPARTMENT OF COMMERCE  
ANNAMALAI UNIVERSITY  
ANNAMALAI NAGAR - 608 002.

Valued

**PROBLEMS AND PROSPECTS OF WOMEN HOMEPRENEURS WITH  
REFERENCE TO CUDDALORE CORPORATION.**

**A project report submitted to  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),  
CUDDALORE**

**(Affiliated to Annamalai University, Chidambaram)**

**In Partial fulfillment of the requirement for the award of the Degree of  
MASTER OF COMMERCE**

**Submitted by  
BHUVANESWARI.K  
(Reg. No: A21MCM07)**

**Under the Guidance of  
DR. R. KRISHNAKUMAR, M.Com., M.Phil., M.B.A., PGDFM., SET., Ph.D  
ASSOCIATE PROFESSOR OF COMMERCE**



**PG & RESEARCH DEPARTMENT OF COMMERCE  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE – 607001**

**MAY – 2023**

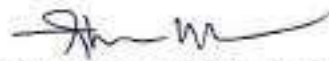
## BONAFIDE CERTIFICATE

This is to certify that the project entitled "**PROBLEMS AND PROSPECTS OF WOMEN HOMEPRENEURS WITH REFERENCE TO CUDDALORE CORPORATION**" is a bonafide record work submitted by **BHUVANESWARIK** (Reg. No: A21MCM07) is partial fulfillment of the requirement for the award of the degree of **MASTER OF COMMERCE** in **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)** during 2021 – 2023 and that the project work has not been submitted for the award of any other degree.



Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.,  
Associate Professor & Head  
Research Supervisor  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N)-607001, India.

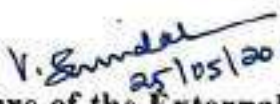


Signature of the Guide

**Dr. R. KRISHNAKUMAR,**  
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Associate Professor & Research Advisor,  
PG & Research Department of Commerce,  
St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore - 607 001.

Place: Cuddalore

Date: 11/05/2023

  
25/05/2023  
Signature of the External

**Dr. V. SUNDAR, Ph.D.,**  
PROFESSOR  
DEPARTMENT OF COMMERCE  
ANNAMALAI UNIVERSITY  
ANNAMALAI NAGAR - 608 002.

**CONSUMER DISCERNMENT TOWARDS ORGANIC PRODUCTS – A STUDY WITH  
REFERENCE TO CUDDALORE TOWN**

**A Project Report Submitted to**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE**

**(Affiliated to Annamalai University, Chidambaram)**

**In Partial Fulfilment of the requirement for the award of the degree of**

**MASTER OF COMMERCE**

**Submitted by**

**DEEPIKA SEKAR**

**(Reg. No: A21MCM08)**

**Under the Guidance of**

**Dr. P. JAMES MARY, M.A., M.Com., SLET., Ph.D.,**

**ASSISTANT PROFESSOR IN COMMERCE**



**PG AND RESEARCH DEPARTMENT OF COMMERCE  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

**MAY-2023**



## BONAFIDE CERTIFICATE

This is to certify that the project entitled "CONSUMER DISCERNMENT TOWARDS ORGANIC PRODUCTS – A STUDY WITH REFERENCE TO CUDDALORE TOWN" is a bonafide record work submitted by DEEPIKA SEKAR in Partial fulfillment of the requirement of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS) CUDDALORE -607001. During 2021 – 2023 and that the project work has not been submitted for the award of any other degree.



Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.,  
Associate Professor & Head  
Research Supervisor  
PG & Research Department of Commerce  
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Cuddalore (T.N)-607001, India.



Signature of the Guide

**Dr. P. JAMESMARY**, M.A., M.Com., SLET, Ph.D.  
Asst. Professor  
PG & Research Department of Commerce  
St. Joseph's College of Arts and  
Science (Autonomous)  
Cuddalore - 607 001.

Place: CUDDALORE

Date: 12/05/23

*V. Sundar*  
25/05/2023  
Signature of the External  
**Dr. V. SUNDAR**, Ph.D.,  
PROFESSOR  
DEPARTMENT OF COMMERCE  
ANNAMALAI UNIVERSITY  
ANNAMALAI NAGAR - 608 002.

Valued

**CONSUMER COGNIZANCE TOWARDS PURCHASE OF  
SMARTPHONES –A STUDY WITH REFERENCES TO CUDDALORE TOWN**

A project report submitted to

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

(Affiliated to Annamalai University, Chidambaram)

In partial fulfillment of the requirement for the award of the degree of

**MASTER OF COMMERCE**

SUBMITTED BY

**NAME: M. JANANI SRI**

**(REGISTER NO: A21MCM12)**

Under the guidance of

**Dr. P. JAMES MARY, M.A., M.COM., SLET., Ph.D.,**

**ASSISTANT PROFESSOR IN COMMERCE**



**PG AND RESEARCH DEPARTMENT OF COMMERCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE – 607 001**

**MAY - 2023**

## BONAFIDE CERTIFICATE

This is to certify that the project entitled "CONSUMER COGNIZANCE TOWARDS PURCHASE OF SMART PHONE – A STUDY WITH REFERENCE TO CUDDALORE TOWN" is a bonafide record work submitted by JANANI SRI .M in partial fulfillment of the requirement for the award of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE during 2022-2023 and that the project work has not been Submitted for the award of any other degree.

Place: CUDDALORE

Date: 18.05.2023



**Signature of the Guide**  
Dr. F. JAMES MARY, M.A., M.Com., SLET, Ph.D.  
Asst. Professor  
PG & Research Department of Commerce  
St. Joseph's College of Arts and  
Science (Autonomous)  
Cuddalore - 607 001.



**Signature of the HOD**

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
Research Supervisor  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N)-607001, India.

*V. Sundar*  
25/05/2023

**Signature of the External**

**Dr. V. SUNDAR, Ph.D.**  
PROFESSOR  
DEPARTMENT OF COMMERCE  
ANNAMALAI UNIVERSITY  
ANNAMALAI NAGAR - 608 002.

*Valued*

**A STUDY ON CUSTOMER SATISFACTION ON LAKME PRODUCT  
IN CUDDALORE REGION**

**A Project Report Submitted to  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE  
(Affiliated to Annamalai University, Chidambaram)**

**In Partial Fulfilment of the requirement for the award of the degree of  
MASTER OF COMMERCE**

**Submitted by  
JUBEERUNNISA. M  
(Reg. No: A21MCM13)**

**Under the Guidance of  
Dr. P. VAITINADANE @ ANBOUNADANE , M.Com., M.Phil., B.Ed., M.B.A., Ph.D.,  
ASSISTANT PROFESSOR OF COMMERCE**



**PG AND RESEARCH DEPARTMENT OF COMMERCE  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

**MAY-2023**



## BONAFIDE CERTIFICATE

is to Certify that the project entitled "A STUDY ON CUSTOMER SATISFACTION ON LAKME PRODUCTS IN CUDDALORE REGION" is a bonafide record work submitted by BEERUNNISA .M (Reg.No:A21MCM13) in Partial fulfillment of the requirement for the award of degree of MASTER OF COMMERCE in ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE -607001. During 2021 - 2023 and that the project work has not been submitted for the award of any other degree.



Signature of the HOD

Dr. I. SAVARIMUTHU  
M.Com, M.B.A., M.Phil, M.Ed, Ph.D.,  
Associate Professor & Head  
Research Supervisor  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N)-607001, India.

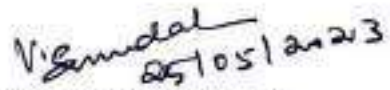
Place: CUDDALORE

Date: 12/05/23



Signature of the guide

Dr. P. VAITINADANE @ ANBOUNADANE  
ASSISTANT PROFESSOR  
PG AND RESEARCH DEPT. OF COMMERCE  
ST. JOSEPH COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE - 607 001



Signature of the External

Dr. V. SUNDAR, Ph.D.,  
PROFESSOR  
DEPARTMENT OF COMMERCE  
ANNAMALAI UNIVERSITY  
ANNAMALAI NAGAR - 608 002.

Valued

**A STUDY ON TRAINING AND DEVELOPMENT IN E.I.D PARRY (INDIA)  
LIMITED, NELLIKUPPAM, CUDDALORE**

**A Project Report Submitted to  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE  
(Affiliated to Annamalai University, Chidambaram)  
In Partial Fulfilment of the requirement for the award of the degree of**

**MASTER OF COMMERCE**

**Submitted by  
JUSTAN. V  
(Reg. No: A21MCM14)**

**Under the Guidance of  
Dr. P. VAITINADANE @ ANBOUNADANE , M.Com., M.Phil., B.Ed., M.B.A., Ph.D.,  
ASSISTANT PROFESSOR OF COMMERCE**



**PG AND RESEARCH DEPARTMENT OF COMMERCE  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001  
MAY-2023**

## BONAFIDE CERTIFICATE

This is to Certify that the project entitled "A STUDY ON TRAINING AND DEVELOPMENT IN E.I.D PARRY (INDIA) LIMITED, NELLIKUPPAM CUDDALORE" is a bonafide record work submitted by JUSTAN.V in Partial fulfillment of the requirement of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE -607001. During 2021 – 2023 and that the project work has not been submitted for the award of any other degree.



Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com, M.B.A, M.Phil, M.Ed, Ph.D,  
Associate Professor & Head  
Research Supervisor

PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N)-607001, India.

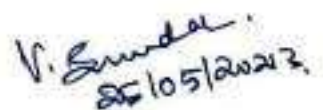
Place: CUDDALORE

Date: 11/05/2023



Signature of the Guide

**Dr. P. VAITINADUM** PANDURADANE  
ASSISTANT PROFESSOR  
PG AND RESEARCH DEPT. OF COMMERCE  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE - 607001



25/05/2023

Signature of the External

**Dr. V. SUNDAR**, Ph.D.,  
PROFESSOR  
DEPARTMENT OF COMMERCE  
ANNAMALAI UNIVERSITY  
ANNAMALAI NAGAR - 608 002.

Valued

**A STUDY ON IMPACT OF WORK FROM HOME OF FEMALE  
EMPLOYEES IN IT SECTOR WITH REFERENCE TO CUDDALORE**

**A project report submitted to**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE**

**(Affiliated to Annamalai University, Chidambaram)**

**In Partial fulfillment of the requirement for the award of the Degree of  
MASTER OF COMMERCE**

**submitted by**

**KANAGAVALLI B.S**

**(Reg. No: A21MCM15)**

**Under the Guidance of**

**Dr. F. ANDREWS, M.Com., M.Com(BIM)., M.Phil., Ph.D.,  
ASSISTANT PROFESSOR OF COMMERCE**



**PG & RESEARCH DEPARTMENT OF COMMERCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE – 607001**

**MAY - 2023**



## BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON IMPACT OF WORK FROM HOME OF FEMALE EMPLOYEES IN IT SECTOR WITH REFERENCE TO CUDDALORE" is a bonafide record work submitted by KANAGAVALLI B.S (Reg.No: A21MCM15) is partial fulfillment of the requirement for the award of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE during 2021 - 2023 and that the project work has not been submitted for the award of any other degree.

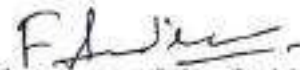


Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.,  
Associate Professor & Head  
Research Supervisor  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N)-607001, India.

Place: Cuddalore

Date: 11.05.2023



Signature of the Guide

**Dr. F. ANDREWS,**  
M.Com., M.Com., M.Phil., B.Ed., Ph.D.,  
Asst Professor in Commerce  
St. Joseph's College of Arts & Science (Autonomous),  
Mar. Mission, Cuddalore - 607 001.

*V. Sundar*  
25/05/2023

Signature of the External

**Dr. V. SUNDAR, Ph.D.,**  
PROFESSOR  
DEPARTMENT OF COMMERCE  
ANNAMALAI UNIVERSITY  
ANNAMALAI NAGAR - 608 002.

*Valued*

**A STUDY ON IMPACT OF PRODUCT PACKING ON CONSUMER  
BUYING BEHAVIOR WITH REFERENCE TO CUDDALORE**

**A project report submitted to  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),  
CUDDALORE**

**(Affiliated to Annamalai University, Chidambaram)**

**In Partial fulfillment of the requirement for the award of the Degree of  
MASTER OF COMMERCE**

**submitted by  
KARTHIK. R  
(Reg. No: A21MCM16)**

**Under the Guidance of  
Dr. F. ANDREWS, M.Com., M.Com(BIM)., M.Phil., Ph.D.,  
ASSISTANT PROFESSOR OF COMMERCE**



**PG & RESEARCH DEPARTMENT OF COMMERCE  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE – 607001  
MAY - 2023**

## BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON IMPACT OF PRODUCT PACKING ON CONSUMER BUYING BEHAVIOR WITH REFERENCE TO CUDDALORE" is a bonafide record work submitted by KARTHIK. R (Reg. No: A21MCM16) is partial fulfilment of the requirement for the award of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE COLLEGE OF ARTS AND SCIENCE (AUTUNOMOUS) CUDDALORE during 2021 – 2023 and that the project work has not been submitted for the award of any other degree.



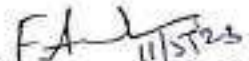
Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
Research Supervisor

PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N)-607001, India.

Place: Cuddalore

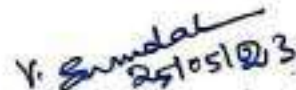
Date: 11-05-2023



Signature of the Guide

**Dr. F. ANDREWS,**  
M.Com., M.Com., M.Phil., B.Ed., Ph.D.,  
Asst Professor in Commerce

St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore (T.N)-607001, India.



Signature of the External

**Dr. V. SUNDAR, Ph.D.,**  
PROFESSOR  
DEPARTMENT OF COMMERCE  
ANNAMALAI UNIVERSITY  
ANNAMALAI NAGAR - 608 002.

**A STUDY ABOUT THE CLIMATE CHANGES AFFECTS ON AGRICULTURE IN  
CUDDALORE AREA**

**A Project Report Submitted to St. Joseph's College of Arts and  
Science (Autonomous), Cuddalore Affiliated to Annamalai University,  
Chidambaram In partial fulfilment of the requirements for the award of the  
degree of  
MASTER OF COMMERCE**

**SUBMITTED BY  
M. KAVISELVAN  
Reg.no: A21MCM17**

**Under the Guidance of  
DR. A. RADHAKRISHNAN, M.Com., M.Phil., B.Ed., Ph.D., PGDCM, SLET  
Assistant Professor in Commerce**



**PG AND RESEARCH DEPARTMENT OF COMMERCE  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-6071001  
MAY 2023**



## BONAFIDE CERTIFICATE

This is to certify that this project report titled, **A STUDY ABOUT THE CLIMATE CHANGES AFFECTS ON AGRICULTURE IN CUDDALORE AREA** is a bonafide record work submitted by **M. KAVISELVAN (A21MCM17)** in partial fulfilment of the requirement for the award of the degree of **MASTER OF COMMERCE** in **ST. JOSEPH'S COLLEGE OF ARTS AND ACIENCE (AUTONOMOUS), CUDDALORE** during 2021-2023 and that the project work has not been submitted for the award of any other degree.

Place: Cuddalore

Date: 11.05.2023



Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.P.H., M.Ed., Ph.D.,  
Associate Professor & Head  
Research Supervisor  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N)-607001, India.



**Dr. A. RADHAKRISHNAN,**  
M.Com., M.Phil., B.Ed., PGDCM., Ph.D.,  
Asst Professor in Commerce  
St. Joseph's College of Arts & Science (Autonomous),  
Manjakuppam, Cuddalore - 607 001.



Signature of the External

**Dr. V. SUNDAR, Ph.D.,**  
PROFESSOR  
DEPARTMENT OF COMMERCE  
ANNAMALAI UNIVERSITY  
ANNAMALAI NAGAR - 608 002.

*Valued*

**A STUDY ON PERFORMANCE APPRAISAL OF EMPLOYEES WITH  
REFERENCE TO MANATEC ELECTRONICS PRIVATE LIMITED  
KARIKALAMPAKKAM**

A project report submitted to

St. Joseph's College of Arts & Science (Autonomous), Cuddalore

(Affiliated to Annamalai University, Chidambaram)

Is Partial Fulfillment of the requirement for the award of the degree of

**MASTER OF COMMERCE**

Submitted by

**NAME: M.MANJU PARKAVI**

**REG.NO: A21MCM18**

Under the Guidance of

**DR. A. RADHAKRISHNAN, M.Com., M.phil., B.Ed., PGDCM, SLET.,Ph.D**

**ASSISTANT PROFESSOR OF COMMERCE**



**PG AND RESEARCH DEPARTMENT OF COMMERCE**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**MAY-2023**

## BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON PERFORMANCE APPRAISAL OF EMPLOYEES WITH REFERENCE TO MANATEC ELECTRONICS PRIVATE LIMITED (KARIKALAMPAKAM)" submitted by M.MANJU PARKAVI, bearing Reg. No. A21MCM18 is a record of her Original and Independent work done during the period of study under my Guidance and submitted to PG AND RESEARCH DEPARTMENT OF COMMERCE in St. Joseph's college of arts and science (Autonomous) cuddalore-1, affiliated to Annamalai University, in partial fulfillment for the award of the degree of MASTER OF COMMERCE.

Place: Cuddalore

Date: 11/05/2023

 11/5/23  
Signature of the Guide

Dr. A. RADHAKRISHNAN,  
M.Com., M.Phil. & Ed., PGDCM., Ph.D.,  
Asst Professor in Commerce  
St. Joseph's College of Arts & Science (Autonomous),  
Manjakuppam, Cuddalore - 607 001.



Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.,  
Associate Professor & Head  
Research Supervisor  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N)-607001, India.

 25/05/2023  
Signature of the External

**Dr. V. SUNDAR, Ph.D.,**  
PROFESSOR  
DEPARTMENT OF COMMERCE  
ANNAMALAI UNIVERSITY  
ANNAMALAI NAGAR - 608 002.

Valued

**A STUDY ON EMPLOYEE PERFORMANCE APPRAISAL AND ITS  
IMPACTS IN JEEVAN READYMIX CONCRETE,  
MARUTHADU, CUDDALORE**

**A Project Report Submitted to  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(Affiliated to Annamalai University, Chidambaram)**

**In partial fulfillment of the requirement for the award of the degree of**

**MASTER OF COMMERCE**

**Submitted by  
G.P. MONESHA  
(Reg. No: A21MCM19)**

**Under the Guidance of  
Mr. A. ALBERT RAVI, M.Com., M.Phil., M.B.A.,  
Assistant Professor in Commerce**



**PG AND RESEARCH DEPARTMENT OF COMMERCE  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE – 607 001**

**MAY – 2023**



## BONAFIDE CERTIFICATE

This is to Certify that the project entitled "A STUDY ON EMPLOYEE PERFORMANCE APPRAISAL AND ITS IMPACTS IN JEEVAN READYMIX CONCRETE, MARUTHADU, CUDDALORE" is a bonafide record work submitted by G.P. MONESHA in Partial fulfillment of the requirement of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE - 607 001. During 2021 - 2023 and that the project work has not been submitted for the award of any other degree.



**Signature of the HOD**

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.,  
Associate Professor & Head  
Research Supervisor  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N)-607001, India.



**Signature of the Guide**

**Dr. ALBERT RAVI**, M.Com., M.Phil., M.B.A.,  
Assistant Prof. In Commerce  
St. Joseph's College of Arts and  
Science (Autonomous)  
CUDDALORE - 607 001.

**Place: CUDDALORE**

**Date: 11-05-2023**



**Signature of the External**

**Dr. V. SUNDAR**, Ph.D.,  
PROFESSOR  
DEPARTMENT OF COMMERCE  
ANNAMALAI UNIVERSITY  
ANNAMALAI NAGAR - 608 002.

**IMPACT OF TRAINING AND DEVELOPMENT ON EMPLOYEE  
PERFORMANCE WITH REFERENCE TO (PIPDIC) LTD, PUDUCHERRY**

**A Project report submitted to  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

**(Affiliated to Annamalai University, Chidambaram)**

**In Partial fulfillment of the requirement for the award of the degree of**

**MASTER OF COMMERCE**

**SUBMITTED BY**

**NAME: R. MOSES**

**(REGISTER NO: A21MCM20)**

**Under the Guidance of**

**Mr. A. ALBERT RAVI M. Com., M. Phil., M.B.A.,**

**ASSISTANT PROFESSOR**



**PG AND RESEARCH DEPARTMENT OF COMMERCE  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE - 607001**

**MAY-2023**

## BONAFIDE CERTIFICATE

This is to certify that the project entitled "IMPACT OF TRAINING AND DEVELOPMENT ON EMPLOYEE PERFORMANCE WITH REFERENCE TO PONDICHERRY INDUSTRIAL PROMOTION AND DEVELOPMENT INVESTMENT CORPORATION LIMITED, PONDICHERRY" is a bonafide record work submitted by MOSES. R (Reg. No: A21MCM20) in partial fulfillment of the requirement for the award of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE CUDDALORE (AUTONOMOUS) during 2021-2023 and that the project work has not been submitted for the award of any other degree.

Place: CUDDALORE

Date: 11/05/2023



Signature of the Guide  
R. ALBERT RAVI, M.Com., M.Phil., M.E. &  
Assistant Prof. in Commerce  
St. Joseph's College of Arts and  
Science (Autonomous)  
CUDDALORE - 607 001



Signature of the HOD

Dr. I. SAVARIMUTHU  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.,  
Associate Professor & Head  
Research Supervisor  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N) 607001, India.

V. Sundar  
25/05/2023

Signature of the External

Dr. V. SUNDAR, Ph.D.,  
PROFESSOR  
DEPARTMENT OF COMMERCE  
ANNAMALAI UNIVERSITY  
ANNAMALAI NAGAR - 608 002.

Valued

**A STUDY ON EMPLOYEES PERFORMANCE AND THEIR REWARD  
SYSTEM – WITH REFERENCE TO E.I.D. PARRY (INDIA) LIMITED,  
NELLIKUPPAM, CUDDALORE**

**A Project Report Submitted to**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE.**

**(Affiliated to Annamalai University, Chidambaram)**

**In Partial Fulfilment of the requirement for the award of the degree of**

**MASTER OF COMMERCE**

**SUBMITTED BY**

**K. NIRANJANI**

**(REG. NO: A21MCM21)**

**Under the Guidance of**

**Dr. P. ARUL PRASAD, M.Com, M.Phil, M.B.A., B.L.I.S., Ph.D.,**

**Assistant Professor of Commerce**



**PG AND RESEARCH DEPARTMENT OF COMMERCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**MAY-2023**



## BONAFIDE CERTIFICATE

This is to Certify that the project entitled "A STUDY ON EMPLOYEES PERFORMANCE AND THEIR REWARD SYSTEM - WITH REFERENCE TO E.L.D. PARRY (INDIA) LIMITED, NELLIKUPPAM, CUDDALORE" is a bonafide record work submitted by NIRANJANI K (A21MCM21) in Partial fulfillment of the requirement of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE - 607001. During 2021 - 2023 and that the project work has not been submitted for the award of any other degree.



Signature of the HOD

Dr. I. SAVARIMUTHU  
M.Com, M.B.A, M.Phil, M.Ed, Ph.D.,  
Associate Professor & Head  
Research Supervisor  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N)-607001, India.

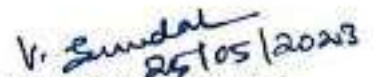
Place: CUDDALORE

Date: 11.05.2023



Signature of the Guide

Dr. P. ARUL PRASAD, M.Com, M.Phil, M.B.A, Ph.D.,  
Assistant Professor,  
PG & Research Department of Commerce,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.



Signature of the External

Dr. V. SUNDAR, Ph.D.,  
PROFESSOR  
DEPARTMENT OF COMMERCE  
ANNAMALAI UNIVERSITY  
ANNAMALAI NAGAR - 608 002.

V. Sundar

**CUSTOMERS RESPONSE TO ONLINE FOOD DELIVERY SERVICES  
DURING COVID-19 OUTBREAK USING BINARY LOGISTIC  
REGRESSION.**

**A Project report submitted to**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE**

**(Affiliated to Annamalai University, Chidambaram)**

**In Partial Fulfilment of the requirement for the award of the degree of**

**MASTER OF COMMERCE**

**SUBMITTED BY**

**NAME: M.PARKAVI**

**(REGISTER NO: A21MCM22)**

**Under the Guidance of**

**DR. P. ARUL PRASAD, M.com., M.Phil., M.B.A., B.L.I.S., Ph.D.,**

**Assistant Professor of Commerce**



**PG AND RESEARCH DEPARTMENT OF COMMERCE**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)**

**CUDDALORE - 607001**

**MAY - 2023**

## BONAFIDE CERTIFICATE

This is to Certify that the project entitled "CUSTOMERS RESPONSE TO ONLINE FOOD DELIVERY SERVICES DURING COVID-19 OUTBREAK USING BINARY LOGISTIC REGRESSION" is a bonafide record work submitted by PARKAVI .M (A21MCM22) in Partial fulfillment of the requirement of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE - 607001. During 2021 – 2023 and that the project work has not been submitted for the award of any other degree.



Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
Research Supervisor

PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N)-607001, India.



Signature of the Guide

**Dr. P. ARUL PRASAD, M.Com., M.Phil., M.B.A., Ph.D.**  
Assistant Professor,  
PG & Research Department of Commerce,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Place: CUDDALORE

Date: 11.05.2023

*V. Sundar*  
25/05/2023  
Signature of the External  
**Dr. V. SUNDAR, Ph.D.**  
PROFESSOR  
DEPARTMENT OF COMMERCE  
ANNAMALAI UNIVERSITY  
ANNAMALAI NAGAR - 608 002.

*Valued .*

**A STUDY ON EFFECTIVENESS OF PERFORMANCE APPRAISAL IN  
PONLAIT, PUDUCHERRY**

**A Project Report Submitted to**

**T.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE  
(Affiliated to Annamalai University, Chidambaram)**

**In Partial Fulfilment of the requirement for the award of the degree of**

**MASTER OF COMMERCE**

**Submitted by  
PRATHIVERAJ. V  
(Reg. No: A21MCM23)**

**Under the Guidance of  
Dr. P. BENJAMIN ROZARIO M.Com., M.Phil., M.H.R.M., M.B.A.,SET.,  
Ph.D.,  
ASSISTANT PROFESSOR OF COMMERCE**



**PG AND RESEARCH DEPARTMENT OF COMMERCE  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001  
MAY-2023**



## BONAFIDE CERTIFICATE

This is to Certify that the project entitled "A STUDY ON EFFECTIVENESS OF PERFORMANCE APPRAISAL IN PONLAIT, PUDUCHERRY" is a bonafide record work submitted by PRATHIVERAJ.V in Partial fulfillment of the requirement of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE -607001. During 2021 - 2023 and that the project work has not been submitted for the award of any other degree.

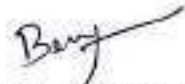


Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.,  
Associate Professor & Head  
Research Supervisor  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N)-607001, India.

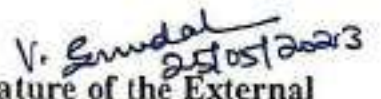
Place: CUDDALORE

Date: 11-5-23.



Signature of the Guide

**Dr. P. BENJAMIN ROZARIO,**  
M.Com., M.Phil., M.H.R.M., MBA., SET., Ph.D.,  
Assistant Professor in Commerce,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore-607 001.

  
Signature of the External  
**Dr. V. SUNDAR, Ph.D.,**  
PROFESSOR  
DEPARTMENT OF COMMERCE  
ANNAMALAI UNIVERSITY  
ANNAMALAI NAGAR - 608 002.

Valuee

**A STUDY ON WORK LIFE BALANCE OF WOMEN EMPLOYEES  
WITH REFERENCE TO COROMANDEL INTERNATIONAL  
LIMITED THYAGAVALI – CUDDALORE.**

**A Project Report Submitted to  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),  
CUDDALORE.**

**(Affiliated to Annamalai University, Chidambaram)**

**In partial fulfillment of the requirements for the award of the degree of  
MASTER OF COMMERCE**

**SUBMITTED BY  
T. PRIYA DARSHNI  
REG.NO: A21MCM24**

**Under the Guidance of  
Dr. P. BENJAMIN ROZARIO M.Com., M.Phil., M.H.R.M., M.B.A., SET, Ph.D.  
Assistant Professor of Commerce**



**PG & RESEARCH DEPARTMENT OF COMMERCE  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE – 607001.**

**MAY - 2023**

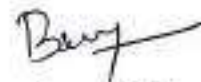
## BONAFIDE CERTIFICATE

This is to Certify that the project entitled "A STUDY ON WORK LIFE BALANCE OF WOMEN EMPLOYEES WITH REFERENCE TO COROMANDEL INTERNATIONAL LIMITED THYAGAVALI – CUDDALORE," is a bonafide record work submitted by Ms. T. PRIYA DARSHINI (A21MCM24) in Partial fulfillment of the requirement for the award of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE - 607001. During 2021 – 2023 and that the project work has not been submitted for the award of any other degree.



Signature of the HOD

**Dr. I. SAVARIMUTHU**  
B.Com., M.B.A., M.Phil., M.Ed., Ph.D.,  
Associate Professor & Head  
Research Supervisor  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N)-607001, India.



Signature of the Guide

**Dr. P. BENJAMIN ROZARIO,**  
M.Com., M.Phil., M.H.R.M., MBA., SET., Ph.D.,  
Assistant Professor in Commerce,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore-607 001.

Place: CUDDALORE

Date 11.05.23

  
Signature of the External

Dr T.R. ANANDH R

Associate Professor of Comm  
Thiruvananthi Ammal College for  
women (Autonomous)  
Villupuram



**A STUDY ON WELFARE ACTIVITIES AND ITS EFFECTS ON  
EMPLOYEE PERFORMANCE – WITH REFERENCE TO E.I.D.  
PARRY (INDIA) LIMITED, NELLIKUPPAM, CUDDALORE**

**A Project Report Submitted to**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-1**

**(Affiliated to Annamalai University, Chidambaram)**

**In Partial Fulfillment of the requirement for the award of the degree of**

**MASTER OF COMMERCE**

**Submitted by**

**SAMREEN FATHIMA A.S**

**(REG. NO: A21MCM25)**

**Under the Guidance of**

**Mr. D. PRABAKARAN, M.Com., M.Phil., B.Ed., NET**

**Assistant Professor of Commerce**



**PG AND RESEARCH DEPARTMENT OF COMMERCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**MAY-2023**



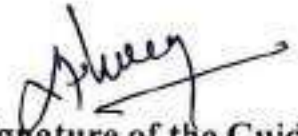
## BONAFIDE CERTIFICATE

This is to Certify that the project entitled "A STUDY ON WELFARE ACTIVITIES AND ITS EFFECTS ON EMPLOYEE PERFORMANCE – WITH REFERENCE TO E.I.D. PARRY (INDIA) LIMITED, NELLIKUPPAM, CUDDALORE" is a bonafide record work submitted by SAMREEN FATHIMA A.S (A21MCM25) in Partial fulfilment of the requirement of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE - 607001 during 2021 – 2023 and that the project work has not been submitted for the award of any other degree.



Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com, M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
Research Supervisor  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N)-607001, India.

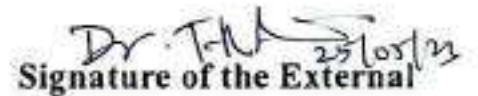


Signature of the Guide

**Mr. D. PRABAKARAN**, M.Com, M.Phil., S.Ed., N.E.T.  
Assistant Professor  
PG and Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Place: CUDDALORE

Date: 11.05.2023



Signature of the External

**Dr. T.R. Amandhi**  
Associate Professor  
Commerce  
Theivamai Ammal  
College for women  
(Autonomous)  
Villupuram

**STUDY ON CONSUMER BUYING BEHAVIOUR TOWARDS ONLINE SHOPPING  
WITH SPECIAL REFERENCE TO CUDDALORE TOWN**

**A Project Report Submitted to**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(Affiliated to Annamalai University, Chidambaram)**

**In Partial Fulfillment of the requirement for the award of the degree of**

**MASTER OF COMMERCE**

**Submitted by**

**SANDHIYA.K**

**REG.NO: A21MCM26**

**Under the Guidance of**

**Mr. D. PRABAKARAN., M.Com., M.Phil., B.Ed., NET**

**Assistant Professor of Commerce**



**PG AND RESEARCH DEPARTMENT OF COMMERCE**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**CUDDALORE - 607001**

**MAY – 2023**

## BONAFIDE CERTIFICATE


This is to certify that the project entitled "A STUDY ON CONSUMER BUYING BEHAVIOUR TOWARDS ONLINE SHOPPING WITH SPECIAL REFERENCE TO CUDDALORE TOWN" is a bonafide record work submitted by SANDHIYA K (Reg.No: A21MCM26) in partial fulfillment of the requirement for the award of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE CUDDALORE (AUTONOMOUS) during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: CUDDALORE

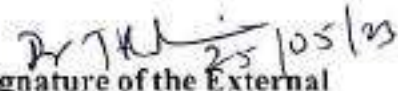
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Signature of the Guide

Mr. D. PRABAKARAN, H.Com, M.Phil, B.Ed, N.E.T.  
Assistant Professor  
PG and Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

  
Signature of the HOD

Dr. I. SAVARIMUTHU  
M.Com, M.B.A, M.Phil, M.Ed, Ph.D.  
Associate Professor & Head  
Research Supervisor  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N)-607001, India.

  
Signature of the External

Dr. T.R. ANANDHI  
Associate Professor Commerce  
Thevara Ammal College  
for women, Cuddalore  
Villupuram



**A STUDY ON INFLUENCE OF ADVERTISEMENT ON BUYING  
BEHAVIOUR OF HOME APPLIANCES- WITH REFERENCE TO  
CUDDALORE.**

**A Project Report Submitted to**

**St.Joseph's College of Arts & Science (Autonomous), Cuddalore-1  
in partial fulfilment of the requirement for the award of the degree of  
Master of Commerce**

**Submitted by**

**L.SARASWATHI**

**(Reg.No:A21MCM28)**

**Under the Guidance of**

**DR.S.BABY MOTCHARAKKINI, M.Com., B.Ed., M.Phil., Ph.D.,**

**ASSISTANT PROFESSOR IN COMMERCE**



**PG&RESEARCH DEPARTMENT OF COMMERCE**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**MAY-2023**



## BONAFIDE CERTIFICATE

This is to certify that the project entitled **A STUDY ON INFLUENCE OF ADVERTISEMENT ON BUYING BEHAVIOUR OF HOME APPLIANCES WITH REFERENE TO CUDDALORE** is bonafide record work submitted by **L.SARASWATHI (Reg.No:A21MCM28)** in partial fulfillment of the requirement for the award of the degree of **MASTER OF COMMERCE** in **ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE** during 2021-2023 and that the project work has not been submitted for the award of any other degree.



Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com., MBA., M.Phil., B.Ed., Ph.D.,  
Associate Professor & Head  
Research Supervisor  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N)-607001, India.



Signature of the Guide

**Dr. S. BABY MOTCHARAKKINI**, M.Com., B.Ed., M.Phil., Ph.D.,  
Assistant Professor  
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St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Place: Cuddalore

Date: 11.05.2023

  
Signature of the External

**Dr. T.R. ANANDHI**  
Associate professor Commerce  
Theivanaai Ammal college  
for women (Autonomous).  
Vilupuram.

**A ROLE OF WOMEN ENTREPRENURS IN A CHANGING SOCIETY**

**A project report Submitted to**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**(Affiliated to Annamalai University, Chidambaram)**

**In Partial Fulfilment of the requirement for the award of the degree of**

**MASTER OF COMMERCE**

**Submitted by**

**NAME :V. SIVA SANKARI**

**(Reg. No: A21MCM30)**

**Under the Guidance of**

**Dr. M. JOHN BOSCO M.Com., M.Phil, Ph.D.,**

**ASSISTANT PROFESSOR**



**PG AND RESEARCH DEPARTMENT OF COMMERCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**MAY-2023**

### BONAFIDE CERTIFICATE

This is to Certify that the project entitled "THE ROLE OF WOMEN ENTREPRENEURS IN A CHANGING SOCIETY" is a bonafide record work submitted by V.SIVA SANKARI (A21MCM30) in Partial fulfilment of the requirement for the award of degree of MASTER OF COMMERCE at ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE during the period 2022-2023.

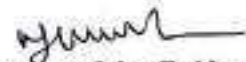
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Date : 12.05.2023

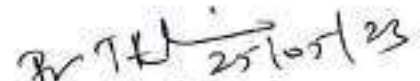


Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com, MBA, M.Phil, M.Ed, Ph.D.,  
Associate Professor & Head  
Research Supervisor  
PG & Research Department of Commerce  
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Cuddalore (TN)-607001, India.

  
Signature of the Guide

**Dr. M. JOHN BOSCO, M.Com, M.Phil, Ph.D.,**  
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Signature of the External

**Dr. T.R. ANANDHI**  
Associate Professor Commerce  
Theivamai Ammal College For  
Women (Autonomous)  
Villupuram

**A DETAILED VIEW ON PROBLEM FACED BY THE CONSUMER WHILE BUYING  
PRODUCT THROUGH MEESHO (ONLINE SHOPPING)**

**A project report Submitted to**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**(Affiliated to Annamalai University, Chidambaram)**

**In Partial Fulfilment of the requirement for the award of the degree of**

**MASTER OF COMMERCE**

**Submitted by**

**NAME : S. SOWMIYA**

**(Reg. No: A21MCM31)**

**Under the Guidance of**

**Dr. M. JOHN BOSCO M.Com., M.Phil., Ph.D.,**

**ASSISTANT PROFESSOR**



**PG AND RESEARCH DEPARTMENT OF COMMERCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**MAY-2023**

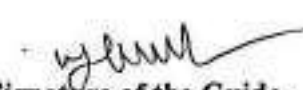


## BONAFIDE CERTIFICATE


This is to Certify that the project entitled "A DETAILED VIEW ON PROBLEM FACED BY THE CONSUMER WHILE BUYING PRODUCT THROUGH MEESHO (ONLINE SHOPPING)" is a bonafide record work submitted by S. SOWMIYA (A21MCM31) in Partial fulfilment of the requirement for the award of degree of MASTER OF COMMERCE at ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE during the period 2022-2023.

Place: Cuddalore

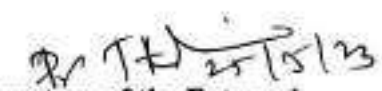
Date : 12/05/23

  
Signature of the Guide

**Dr. M. JOHN BOSCO**, M.Com, M.Phil, Ph.D,  
Assistant Professor in Commerce,  
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**Dr. I. SAVARIMUTHU**  
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villupuram.

**A STUDY ON USAGE OF UNIFIED PAYMENT INTERFACE (UPI)  
TRANSACTIONS AMONG YOUNG PEOPLE IN CUDDALORE  
CITY**

**A Project report submitted to  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(Affiliated to Annamalai University, Chidambaram)**

**In Partial Fulfillment of the requirement for the award of the degree of  
MASTER OF COMMERCE**

**Submitted by**

**D. SWETHA**

**(Reg. No: A21MCM32)**

**Under the Guidance of**

**Dr. S. SAMBATH, M. Com., M. Phil., Ph.D., NET**

**Assistant Professor of Commerce**



**PG AND RESEARCH DEPARTMENT OF COMMERCE  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE - 607001**

**MAY – 2023**

## BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON USAGE OF UNIFIED PAYMENT INTERFACE (UPI) TRANSACTIONS AMONG YOUNG PEOPLE IN CUDDALORE CITY" is a bonafide record work submitted by SWETHA D (Reg. No: A21MCM32) in partial fulfillment of the requirement for the award of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE CUDDALORE (AUTONOMOUS) during 2022-2023 and that the project work has not been submitted for the award of any other degree.



Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.,  
Associate Professor & Head  
Research Supervisor  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N)-607001, India.

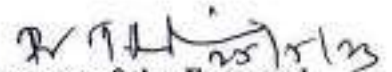


Signature of the Guide

**Dr. S. SAMBATH, M.Com., M.Phil., Ph.D.,**  
Assistant Professor,  
PG & Research Department of Commerce,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Place: CUDDALORE

Date: 11.5.23



Signature of the External

**Dr. T.R. ANANDHI**  
Associate Professor  
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Theivandai Ammal College  
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Villupuram

**AN ANALYSIS OF EMPLOYEE LEAVE MANAGEMENT SYSTEM IN  
HINDUSTAN UNILEVER LIMITED AT PONDICHERRY  
VADAMANGALAM BRANCH**

**A Project report submitted to  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS)**

**(Affiliated to Annamalai University, Chidambaram)**

**In Partial fulfillment of the requirement for the award of the degree of**

**MASTER OF COMMERCE**

**SUBMITTED BY**

**NAME: C. VEERAN SUBASH CHANDRA BOSE**

**(REGISTER NO: A21MCM33)**

**Under the Guidance of  
Dr. S SAMBATH, M. Com., M. Phil., Ph.D., NET**

**ASSISTANT PROFESSOR**



**PG AND RESEARCH DEPARTMENT OF COMMERCE  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**CUDDALORE - 607001**

**MAY - 2023**



## BONAFIDE CERTIFICATE

This is to certify that the project entitled "AN ANALYSIS OF EMPLOYEE LEAVE MANAGEMENT SYSTEM IN HINDUSTAN UNILEVER LIMITED AT PONDICHERRY VADAMANGALAM BRANCH" is a bonafide record work submitted by VEERAN SUBASH CHANDRA BOSE.C (Reg.No:A21MCM33) in partial fulfillment of the requirement for the award of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE CUDDALORE (AUTONOMOUS) during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: CUDDALORE

Date: 11/05/2023




Signature of the Guide

**Dr. S. SAMBATH, M.Com., M.Phil., Ph.D.,**  
Assistant Professor,  
PG & Research Department of Commerce,  
St. Joseph's College of Arts & Science (Autonomous)-  
Cuddalore - 607 001.



Signature of the HOD

**Dr. I. SAVARIMUTHU**  
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Associate Professor & Head  
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Signature of the External

**Dr. T.R. ANANDHI**  
Associate Professor Commerce  
Thiruvananthi Ammal College  
For Women (Autonomous)  
Villupuram

**CELEBRITY INFLUENCE ON THE PURCHASE BEHAVIOUR OF INDIVIDUAL  
TOWARDS FMCG IN CUDDALORE BLOCK I**

**A Project report Submitted to  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(Affiliated to Annamalai University, Chidambaram)  
In Partial Fulfilment of the requirement for the award of the degree of**

**MASTER OF COMMERCE**

**Submitted by  
G.K. VIKNESH  
(Reg. No: A21MCM34)  
Under the Guidance of  
Dr. R. KRISHNAKUMAR M.Com., M.Phil., M.B.A., PGDFM., SET, Ph.D.,  
ASSOCIATE PROFESSOR OF COMMERCE**



**PG AND RESEARCH DEPARTMENT OF COMMERCE  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001  
MAY-2023**

## BONAFIDE CERTIFICATE

This is to Certify that the Project entitled **CELEBRITY INFLUENCE ON THE PURCHASE BEHAVIOUR OF INDIVIDUAL TOWARDS FMCG IN CUDDALORE BLOCK I** is a Bonafide record work submitted by **G.K. VIKNESH (A21MCM34)** in Partial fulfilment of the requirement of the degree of **MASTER OF COMMERCE** at **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE CUDDALORE (AUTONOMOUS)**, during **2022-2023** and that the project work has not been submitted for the award of any other degree.

Place: Cuddalore

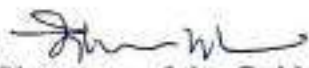
Date: 12/05/2023



Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.,  
Associate Professor & Head  
Research Supervisor

PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N)-607001, India.

  
Signature of the Guide

**Dr. R. KRISHNAKUMAR,**  
M.Com., M.Phil., M.B.A., PGDFM., SET., Ph.D.,  
Associate Professor & Research Advisor,  
PG & Research Department of Commerce,  
St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore - 607 001.

  
Signature of the External

**Dr. T. R. ANANDHI**

Associate Professor Commerce

Theivanai Ammal college  
for women (Autonomous)  
Villupuram.

**A STUDY ON DIGITAL PAYMENT BEHAVIOUR AMONG YOUTH WITH  
REFERENCE TO PUDUCHERRY REGION**

**A Project Report Submitted to**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE**

**(Affiliated to Annamalai University, Chidambaram)**

**In Partial Fulfilment of the requirement for the award of the degree of**

**MASTER OF COMMERCE**

**Submitted by**

**NETHAJEE. S**

**(Reg. No: A21MCM35)**

**Under the Guidance of**

**Dr. P. JAMES MARY, M.A., M.Com., SLET., Ph.D.,**

**ASSISTANT PROFESSOR IN COMMERCE**



**PG AND RESEARCH DEPARTMENT OF COMMERCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**MAY-2023**



## BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON DIGITAL PAYMENT BEHAVIOUR AMONG YOUTH WITH REFERENCE TO PUDUCHERRY REGION" is a bonafide record work submitted by NETHAJEE. S in Partial fulfillment of the requirement of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS) CUDDALORE -607001. During 2021 - 2023 and that the project work has not been submitted for the award of any other degree.



Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.,  
Associate Professor & Head  
Research Supervisor  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.)-607001, India.

Place: CUDDALORE

Date: 11.05.2023



Signature of the Guide

**Dr. P. JAMESMARY**, M.A., M.Com., SLET, Ph.D.  
Asst. Professor  
PG & Research Department of Commerce  
St. Joseph's College of Arts and  
Science (Autonomous)  
Cuddalore - 607 001.

  
Signature of the External

**Dr. T. R. ANANDH**

Associate professor commerce  
Theivanai Ammal college for  
women (Autonomous)  
Vilupuram.

**A STUDY ON THE FACTORS INFLUENCING SALES  
PROMOTION IN ONLINE BUYING BEHAVIOUR AMONG  
CONSUMERS IN CUDDALORE REGION**

A Project Report Submitted to

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE**

(Affiliated to Annamalai University, Chidambaram)

In Partial Fulfilment of the requirement for the award of the degree of

**MASTER OF COMMERCE**

Submitted by

**JAYAGANESH. S**

**(Reg. No: A21MCM36)**

Under the Guidance of

**Dr. P. VAITINADANE @ ANBOUNADANE, M.Com., M.Phil., B.Ed., M.B.A., Ph.D.,  
ASSISTANT PROFESSOR OF COMMERCE**



**PG AND RESEARCH DEPARTMENT OF COMMERCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**MAY-2023**

## BONAFIDE CERTIFICATE

This is to Certify that the project entitled **A STUDY ON THE FACTORS INFLUENCING SALES PROMOTION IN ONLINE BUYING BEHAVIOUR AMONG CONSUMERS IN CUDDALORE REGION** is a bonafide record work submitted by **JAYAGANESH. S** in Partial fulfillment of the requirement of the degree of **MASTER OF COMMERCE** in **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE - 607001**. During 2021 - 2023 and that the project work has not been submitted for the award of any other degree.



Signature of the HOD

**Dr. I. SAVARIDUTTU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.,  
Associate Professor & Head  
Research Supervisor  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N)-607001, India.

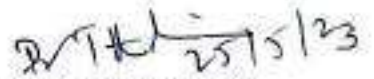


Signature of the Guide

**Dr. P. VAITINADANE @ ANBOUNADANE**  
ASSISTANT PROFESSOR  
PG AND RESEARCH DEPT. OF COMMERCE  
ST. JOSEPH COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE - 607 001

Place: CUDDALORE

Date: 22.05.2023



Signature of the External

**Dr. T. R. Ananthi**

Associate professor of  
Commerce.

Thiruvannamalai annual clg for  
women (AUTONOMOUS).  
Villupuram

**A Study On Job Satisfaction Of Employees Of EID Parry (India)**

**A Project Report Submitted to**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE**

**(Affiliated to Annamalai University, Chidambaram)**

**In Partial Fulfilment of the requirement for the award of the degree of**

**MASTER OF COMMERCE**

**Submitted by**

**AMALRAJ.X**

**(Reg. No: A21MCM37)**

**Under the Guidance of**

**Dr. F. Andrews, M.Com., M.Com.(BIM), M.Phil., Ph.D.**

**ASSISTANT PROFESSOR OF COMMERCE**



**PG AND RESEARCH DEPARTMENT OF COMMERCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**MAY-2023**



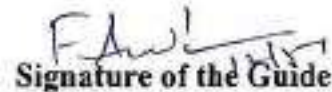
## BONAFIDE CERTIFICATE

This is to Certify that the project entitled "A STUDY ON JOB SATISFACTION OF EMPLOYEES IN E.L.D PARRY (INDIA) LIMITED, NELLIKUPPAM CUDDALORE" is a bonafide record work submitted by JUSTAN.V in Partial fulfillment of the requirement of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE -607001. During 2021 – 2023 and that the project work has not been submitted for the award of any other degree.



Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.,  
Associate Professor & Head  
Research Supervisor  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N)-607001, India.



Signature of the Guide

**Dr. F. ANDREWS,**  
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Asst Professor in Commerce  
St. Joseph's College of Arts & Science (Autonomous),  
Manjakuppam, Cuddalore - 607 001.



Signature of the External

**Dr. T. R. ANANDHI**

Associate professor of commerce

Theivaranai Ammal college for

women (Autonomous)

Villupuram.

Place: CUDDALORE

Date: 12.05.23

# **ANALYSIS OF EMPLOYEE TRAINING NEEDS IN BANKING SECTOR**

**A Project Report Submitted to  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE**

**(Affiliated to Annamalai University, Chidambaram)  
In Partial Fulfilment of the requirement for the award of the degree of**

**MASTER OF COMMERCE**

**Submitted by  
GOBIRAJAN. G  
(Reg. No: A21MCM38)**

**Under the Guidance of  
DR. A. RADHAKRISHNAN, M.COM., M.Phil., B.Ed., PGDCM, SLET., Ph.d.  
ASSISTANT PROFESSOR OF COMMERCE**



**PG AND RESEARCH DEPARTMENT OF COMMERCE  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE- 607001**

**MAY-2023**

## BONAFIDE CERTIFICATE

This is to Certify that the project entitled "A STUDY ON THE EFFECTIVENESS OF TRAINING NEED FOR BANK EMPLOYEES" is a bonafide record work submitted by GOBIRAJAN.G in Partial fulfillment of the requirement of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE -607001. During 2021 – 2023 and that the project work has not been submitted for the award of any other degree.



Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com., B.A., M.Phil., M.Ed., Ph.D.,  
Associate Professor & Head  
Research Supervisor  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N)-607001, India.

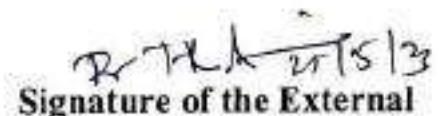


Signature of the Guide

**Dr. A. RADHAKRISHNAN,**  
M.Com., M.Phil., B.Ed., PGDCM., Ph.D.,  
Asst Professor in Commerce  
St. Joseph's College of Arts & Science (Autonomous),  
Manjakuppam, Cuddalore - 607 001.

Place: CUDDALORE

Date: 22/05/2023



Signature of the External

**Dr. T. R. ANANDHI**  
Associate Professor Commerce  
Theivanai Ammal College  
for Women (AUTONOMOUS)  
Villupuram

**AWARNESS TOWARDS THE CONSUMPTION OF ORGANIC PRODUCTS  
AMONG THE STUDENTS OF ST' JOSEPH'S  
COLLEGE OF ARTS & SCIENCE (CUDDALORE)  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

(Affiliated to Annamalai University, Chidambaram)

In Partial fulfillment of the requirement for the award of the degree of

**MASTER OF COMMERCE**

**SUBMITTED BY**

**NAME: D. MONISH BABU**

(Reg No: A21MCM39)

**Under the Guidance of**

**Mr. A. ALBERT RAVI M. Com., M. Phil., M.B.A.,  
ASSISTANT PROFESSOR**



**PG AND RESEARCH DEPARTMENT OF COMMERCE  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)CUDDALORE - 607001**

**MAY – 2023**

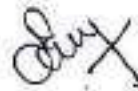


### BONAFIDE CERTIFICATE

This is to certify that the project entitled "AWARENESS TOWARDS THE CONSUMPTION OF ORGANIC PRODUCTS AMONG THE STUDENTS OF ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE" is a bonafide record work submitted by **MONISH BABU. D** in partial fulfillment of the requirement for the award of the degree of **MASTER OF COMMERCE** in **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE CUDDALORE (AUTONOMOUS)** during **2022-2023** and that the project work has not been submitted for the award of any other degree.

Place: CUDDALORE

Date: 11-05-2023



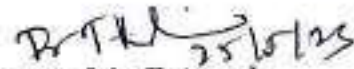
Signature of the Guide

**G. ALBERT RAVI, M.Com., M.Phil., M.B.A.**  
Assistant Prof. In Commerce  
St. Joseph's College of Arts and  
Science (Autonomous)  
CUDDALORE - 607 001.



Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.S.S., Ph.D.  
Associate Professor & Head  
Research Supervisor  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N)-607001, India.



Signature of the External

**Dr. T. R. ANANDAI**

Associate professor Commerce  
Theivanai Ammal college for  
women (Autonomous)  
Villupuram.

**A STUDY ON CHALLENGES FACED BY WOMEN IN UNORGANIZED SECTOR –  
A STUDY WITH REFERENCE TO CUDDALORE TOWN**

**A Project Report Submitted to**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE**

**(Affiliated to Annamalai University, Chidambaram)**

**In Partial Fulfilment of the requirement for the award of the degree of**

**MASTER OF COMMERCE**

**Submitted by**

**GAJALAKSHMY.R**

**(Reg. No: A21MCM41)**

**Under the Guidance of**

**Dr. P. ARUL PRASAD, M.Com, M.Phil, M.B.A., B.L.I.S., Ph.D.,**

**ASSISTANT PROFESSOR IN COMMERCE**



**PG AND RESEARCH DEPARTMENT OF COMMERCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**MAY-2023**

## BONAFIDE CERTIFICATE

This is to Certify that the project entitled "A STUDY ON CHALLENGES FACED BY WOMEN IN UNORGANIZED SECTOR – A STUDY WITH REFERENCE TO CUDDALORE TOWN" is a bonafide record work submitted by GAJALAKSHMY.R in Partial fulfillment of the requirement of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE - 607001. During 2021 – 2023 and that the project work has not been submitted for the award of any other degree.



Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com, M.B.A., M.Phil, M.Ed, Ph.D.,  
Associate Professor & Head  
Research Supervisor  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N)-607001, India.

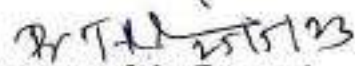


Signature of the Guide

**Dr. P. ARUL PRASAD, M.Com, M.Phil, M.B.A, Ph.D.,**  
Assistant Professor,  
PG & Research Department of Commerce,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Place: CUDDALORE

Date: 11/05/23



Signature of the External

Dr. T.R. Anandhi  
Associate professor of commerce  
Thiruvonai Ammal college for  
women (Autonomous)  
Villupuram.

**EFFECTIVENESS OF JOB ROTATION IN BANKING SECTOR WITH  
REFERENCE TO CUDDALORE TOWN**

**A project report Submitted to**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(Affiliated to Annamalai University, Chidambaram)**

**In Partial Fulfilment of the requirement for the award of the degree of**

**MASTER OF COMMERCE**

**Submitted by**

**NAME : V.VIDHYASANKERI**

**(Reg. No: A21MCM42)**

**Under the Guidance of**

**Dr. P. BENJAMIN ROZARIO M.Com., M.Phil., M.H.R.M., M.B.A., SET, Ph.D.,**

**ASSISTANT PROFESSOR**



**PG AND RESEARCH DEPARTMENT OF COMMERCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**MAY-2023**



## BONAFIDE CERTIFICATE


This is to Certify that the project entitled "EFFECTIVENESS OF JOB ROTATION IN BANKING SECTOR WITH REFERENCE TO CUDDALORE TOWN" is a bonafide record work submitted by V.VIDHYASANKERI (A21MCM42) in Partial fulfilment of the requirement for the award of degree of MASTER OF COMMERCE at ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE during the period 2022-2023.

Place: Cuddalore

Date : 12/05/2023

  
Signature of the Guide

**Dr. P. BENJAMIN ROZARIO,**  
M.Com., M.Phil., M.H.R.M., MBA., SET., Ph.D.,  
Assistant Professor in Commerce,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore-607 001.

  
Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.,  
Associate Professor & Head  
Research Supervisor  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N)-607001, India.

  
Signature of the External

**Dr. T. R. ANANDHI**  
Associate Professor Commerce  
Theivanai Ammal College for  
women (Autonomous)  
Villupuram

**A STUDY ON THE IMPACT OF SOCIAL MEDIA ON BUYING  
BEHAVIOUR OF CONSUMERS WITH SPECIAL REFERENCE TO  
CUDDALORE TOWN**

**A Project Report Submitted to  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS), CUDDALORE  
(Affiliated to Annamalai University, Chidambaram)**

**In Partial Fulfilment of the requirement for the award of the degree of**

**MASTER OF COMMERCE**

**Submitted by**

**NAME : A. NAMASHIVAYAM**

**(Reg. No: A21MCM43)**

**Under the Guidance of**

**Dr. D. PRABAKARAN, M.Com., M.Phil., B.Ed.,N.E.T**

**ASSISTANT PROFESSOR OF COMMERCE**



**PG AND RESEARCH DEPARTMENT OF COMMERCE  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**MAY-2023**

## BONAFIDE CERTIFICATE

This is to Certify that the project entitled "A study on the impact of Social Media on Buying behaviour of consumers with special reference to Cuddalore Town" is a bonafide record work submitted by A. NAMASHIVAYAM (A21MCM43) in partial fulfilment of the requirement for the award of degree of MASTER OF COMMERCE at ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE during the period 2022-2023

Place: Cuddalore

Date: 22/05/2023



Signature of the Guide

Mr. D. PRABAKARAN, M.Com, M.Phil, B.Ed, U.E.T.  
Assistant Professor  
PG and Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.



Signature of the HOD

Dr. I. SAVARIMUTHU  
M.Com, MBA, M.Phil, M.Ed, Ph.D.  
Associate Professor & Head  
Research Supervisor  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N)-607001, India.



Signature of the External

Dr. T. R. ANANDHI  
Associate professor of commerce  
Thelvana Ammal college  
for women (Autonomous)  
Villupuram.

**A STUDY ON CONSUMER BEHAVIOUR TOWARDS INSTANT FOOD  
PRODUCTS IN CUDDALORE TOWN**

**A Project Report submitted to**

**St. Joseph's college of Arts and Science (Autonomous), Cuddalore  
In partial fulfillment of the requirement for the award of the degree of**

**MASTER OF COMMERCE**

**Submitted by**

**NAME: R. NARMADHA**

**REG.NO. A21MCM44**

**Under the Guidance of**

**DR. S. BABY MOTCHARAKKINI, M.Com., B.Ed., M.Phil., Ph.D.,  
ASSISTANT PROFESSOR OF COMMERCE**



**PG AND RESEARCH DEPARTMENT OF COMMERCE  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607 001**

**MAY-2023**



### BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON CONSUMER BEHAVIOUR TOWARDS INSTANT FOOD PRODUCT IN CUDDALORE TOWN" is a bonafide record work submitted by **R. NARMADHA** (Reg. No: A21MCM44) in partial fulfilment of the requirement for the award of the degree of **MASTER OF COMMERCE** in **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE CUDDALORE (AUTONOMOUS)** during **2022-2023** and that the project work has not been submitted for the award of any other degree.



Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com, M.B.A, M.Phil, M.Sc, Ph.D.  
Associate Professor & Head  
Research Supervisor  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (TN)-607001, India.

Place: CUDDALORE

Date: 12/05/23



Signature of the guide

**Dr. S. BABY MOTCHARAKKINI**, M.Com, B.Ed., M.Phil, Ph.D.,  
Assistant Professor  
PG and Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

  
Signature of the External

**Dr. T. R. Anandhi**  
Associate professor of commerce  
Theivanai Ammal College for  
Women (AUTONOMOUS)  
Villupuram.

Department of Commerce (Bank Management)  
St. Joseph's College of Arts & Science, (Autonomous), Cuddalore  
Students Group Project -2022-23  
List of Students and Project Title

S.No	Roll Number	Name	Title of the project
1.	A20BBD59	Sugumar K	Primary Agricultural Cooperative Credit Society
2.	A20BBD05	Aravinthan A	
3.	A20BBD23	Jagadeeswaran P	
4.	A20BBD28	Lakshmanan S	
5.	A20BBD49	Sarwin Surya	
6.	A20BBD52	Sathiyaseelan A	A Study On The State Bank Of India
7.	A20BBD32	Naveen G	
8.	A20BBD48	Saranraj B	
9.	A20BBD73	Manowjcumar S	
10.	A20BBD75	Manikandan A	
11.	A20BBD27	KumaranTn	A Study On Punjab National Bank
12.	A20BBD34	Nithish Kumar K	
13.	A20BBD15	Dhivilesh G	
14.	A20BBD71	Aravind V	
15.	A20BBD66	Venkatesh B	A Study On The pondicherry cooperative urban Bank ltd
16.	A20BBD25	John Dumneil G	
17.	A20BBD20	Harish Rk	
18.	A20BBD76	Rajesh A	
19.	A20BBD78	Prakash G	
20.	A20BBD54	Sindhuveliyar K	The Pondicherry Co-Op Urban Bank Ltd
21.	A20BBD51	Sasidharan N	
22.	A20BBD57	Subash N	
23.	A20BBD72	Bhuvaneshwar V	
24.	A20BBD74	Senthamizh S	
25.	A20BBD30	Mageshwaran	A Study On Loans And Advances
26.	A20BBD77	Ilayaperumal M	
27.	A20BBD01	Abilesh As	
28.	A20BBD10	Balaj	
29.	A20BBD55	Sivavel	

30.	A20BBD44	Rishab	A study On State Bank Of India's Operations
31.	A20BBD43	Reshe Das	
32.	A20BBD13	Dareesh Kumar	
33.	A20BBD45	Sabarish	
34.	A20BBD24	Jarald	
35.	A20BBD60	Sukrivan	
36.	A20BBD64	Vasanth R	
37.	A20BBD07	Ashik Ahmed M	A Study On Equitas Bank
38.	A20BBD35	Parthiban S	
39.	A20BBD46	Sanjai R	
40.	A20BBD61	Surendhar B	
41.	A20BBD62	Surya M	
42.	A20BBD69	Vijay G	
43.	A20BBD42	Ranjithkumar R	
44.	A20BBD06	Arunachalam	Primary Agricultural Co- Operative Credit Society Ltd
45.	A20BBD12	Bharathy D	
46.	A20BBD14	Dhilipkumar D	
47.	A20BBD19	Gunabaran P	
48.	A20BBD31	Maniraju S	A Study On Axis Bank
49.	A20BBD04	AppolloSebastianraj A	
50.	A20BBD63	Tamil Vanan V	
51.	A20BBD36	Prasannakumar J	
52.	A20BBD70	Vishva R	
53.	A20BBD39	Ragul M	A Study Of The Hdfe Bank Cuddalore
54.	A20BBD33	Nirmalkumar G	
55.	A20BBD18	Gopi Krishna Jr	
56.	A20BBD29	Logesh V	
57.	A20BBD53	Shamnath K	
58.	A20BBD02	Anandhapadmanaban B	A Study On Central Bank Of India
59.	A20BBD47	Santhosh M	A Study On Axis Bank ,Cuddalore Branch
60.	A20BBD56	Subamurugan C	
61.	A20BBD40	Rahul B	
62.	A20BBD41	Rajavarman S	
63.	A20BBD26	Kannadasan K	
64.	A20BBD50	Sasidharan A	

65.	A2088D37	Prathap A	Puducherry public servants cooperative credit society Ltd
66.	A2088D38	Premkumar K	
67.	A2088D16	Gokul G	
68.	A2088D11	Baskaran V	
69.	A2088D67	Vignesh M	
70.	A2088D03	Anupraveen R	Retail and Business products of the State Bank of India ,Nellikuppam Branch
71.	A2088D09	Balaji M	
72.	A2088D22	Infant Joe Pratrck S	
73.	A2088D58	Subash R	
74.	A2088D64	Vasanth R	

  
Staff In - Charge

(MR. R. PUNNIYASEELAN

ASSISTANT PROFESSOR)

**R. PUNNIYASEELAN, M.Com., M.Phil., SLET,**

Assistant Professor,  
Department of Commerce (Bank Management),  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607 001.

  
Head of the Department

**Rev. Dr. A. ALEX, M.Com., M.Ed., M.Phil., NET, SET, Ph.D.,**  
Dean of Studies & Head of BBM and BBA (CA)  
Placement, Entrepreneurship & Hostel Director  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.



**A PROJECT REPORT SUBMITTED TO ST JOSEPH'S COLLEGE ARTS AND  
SCIENCE**

**(AUTONOMOUS) , CUDDALORE .**

**IN PARTIAL FUFILLMENT OF THE REQUIRMENT FOR THE DEGREE OF  
BACHELOR OF BANK MANAGEMENT**

**Submitted by**

**SUGUMAR.K**

**ARAVINTHAN.A**

**JAGADEESWARAN.P**

**LAKSHMANAN.S**

**SARWIN SURYA**

**Under the gudiance of**

**DR.R.KRISHNAVENI M.COM.,M.PHIL.,PH.D SLET**

**Assistant Professor**



**DEPARTMENT OF BANK MANAGEMENT**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(Affiliated with thiruvalluvar university)**

**CUDDALORE-607001**

**JANUARY-2023**

கூட்டுறவு நாட்டுறவு

நாட்டுறவு நம் உயர்வு

☎ : 04142-239024



**இ.2580, வழிச்சேதனைப்பாளையம்**

**தோடக்க வேளாண்மை கூட்டுறவு கடன் சங்கம் லிமிடெட்.**

வழிச்சேதனைப்பாளையம் & அஞ்சல் # கடலூர் -607 003 # கடலூர் மாவட்டம்

**ச.கருணாகரன்**

தலைவர்

**ப.உஷா**

செயலாளர்/பொறுப்பு

நாள் 18.02.2023.

**CERTIFICATE**

This Certifiacation Proves K.Sugumar (A28BD59),A,Aravinthan., Sarwin Surya (A208BD49).,S.Lakshmanan(A208BD28),P.Jagadeeswaran(A208BD23)That Has Been Complete The Internship Program St'joseph's College Of Arts And Science .He Strated Joining The Program From 13/02/2023 Until18/02/2023.During His Stay In The Bank As An Intern He Display Enthusiasm,Leadership,Self-Discipline,Self-Motivation And Good Experience We Are Lucky To Have Him As One Of Our Interns Before And We Would Like To Wish Him Allthe Best

For E-2020 vashisthanapalayam  
Primary Agrl Co-op Credit Society Ltd

*B. Usha*  
Secretary  
18/2/2023.

## DECLARATION OF THE STUDENT

We hereby declare that the work embodied in the project entitled "A Study on Work Life Balance of Employees with reference to PRIMARY AGRICULTURAL CREDIT SOCIETY has been originally carried out by us under the guidance and supervision of Dr.R.KRISHNAVENI, M.Com., M.Phil., Ph.D., SET., Assistant Professor, Department of Commerce (Bank Management), St. Joseph's College of Arts and Science (Autonomous), Cuddalore-607001, affiliated to Thiruvalluvar University, Vellore. This study has not been previously found as the basis for award of any degree, diploma, associate ship, fellowship or any other similar titles. It has not been submitted to any other university or institutions for the award of any degree or diploma.

### Signature of the Student

SUGUMAR.K

(A20BBD59)

K. Sugumar

ARAVINTHAN.A

(A20BBD05)

A. Aravintan

LAKSHMANAN.S

(A20BBD28)

S. Lakshmanan

JAGADHEESWARAN.P

(A20BBD23)

Jagadeeswaran P

SARWIN SURIYA.A

(A20BBD49)

A. Sarwin Surya

Place: Cuddalore

Date: 03/05/2023



**A STUDY ON WORK LIFE BALANCE OF EMPLOYEES WITH REFERENCE TO  
STATE BANK OF INDIA MAIN BRANCH, PONDICHERRY**

**A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),  
CUDDALORE.**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF THE  
DEGREE OF BACHELOR OF COMMERCE (BANK MANAGEMENT)**

**SUBMITTED BY**

**SATHIYASEELAN A - (A20BBD52)**

**SARANRAJ B - (A20BBD48)**

**NAVEEN G - (A20BBD32)**

**MANOWJCUMAR S - (A20BBD73)**

**MANIKANDAN V - (A20BBD75)**

**Under the Guidance of**

**Mr R PUNNIYA SEELAN M.Com., M.Phil., SLET., SLST.,**

**Assistant Professor**



**COMMERCE (BANK MANAGEMENT)**

**ST JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**CUDDALORE 6007001**





**Rev. Fr. A. Alex, M.Com., M.Ed., M.Phil., NET, (Ph.D.)**

Head, Department of B.Com. (Bank Management),

St. Joseph's College of Arts and Science (Autonomous),

Cuddalore - 607 001, Tamil Nadu, India.

Email : fatheralex@yahoo.co.in



Date :

To

The Manager,  
State Bank of India  
Puducherry Main Branch,  
Puducherry.

Respected Sir/Madam,

**Sub:** Envisaging feasibility for performing Project Regd.

I hereby certify that, the following bonafide students of our Institution pursuing III-Year Commerce (Bank Management) are required to perform Project as part of their curriculum. In connection with this we are envisaging your feasibility to allow the following students to perform their Project in your esteemed organization and provide them Certificate on completion of project.

S.NO	Roll No	Student's Name
1	A20BBD52	Sathiyaseelan A
2	A20BBD48	Saranraj B
3	A20BBD32	Naveen G
4	A20BBD73	Manowjcumar S
5	A20BBD75	Manikandan V

Thanking you,

With regards,

*Rev. Dr. A. Alex*

Rev. Dr. A. ALEX, M.Com., M.Ed., M.Phil., NET, SET, Ph.D.,  
Dean of Studies & Head of BBM and BBA (C.A)  
Placement, Entrepreneurship & Hostel Director  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Date: 27/01/2023

The Head of the Department of B.Com, (Bank Management)  
St.Joseph's college of Arts and Science (Autonomous)  
Cuddalore - 607001

**STUDENT PROJECT**  
**SHRI.A.SATHIYASEELAN**  
**B.COM (BANK MANAGEMENT) – ROLL NO A20BBD52**

Dear Sir,

We are pleased to inform you that SHRI.A.SATHIYASEELAN (ROLL NO A20BBD52) studying B.COM (BANK MANAGEMENT) III year at your institute, has undergone project in our organization at SBI Pondicherry Branch for one week starting from 17.01.2023.

The candidate has shown immense interest and is dedicated in learning process during his Project.

We sincerely hope that candidate has gained requisite knowledge and the same will help in his career.

Yours faithfully

  
Asst General Manager

**BANKING SECTOR ACTIVITY**  
**IN PARTIAL FULLFILMENT OF THE REQUIREMENT FOR THE AWARD OF THE**  
**DEGREE OF BACHELOR OF B.COM-BANK MANAGEMENT**

**SUBMITTED BY**

**Mr.V.ARAVIND (A20BBD71)**

**Mr.G.DHIVLESH (A20BBD15)**

**Mr.T.N.KUMARAN (A20BBD27)**

**Mr.K.NITHISH KUMAR (A20BBD34)**

**Under the Guidance of**  
**Mr.R.PUNNIYA SEELAN,M.COM.,M.PHIL./SLET.,**

**Assistant Professor**



**B.com -Bank Management**  
**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**CUDDALORE 607001**  
**2022-2023**



Rev. Dr. A. Alex, M.Com., M.Ed., M.Phil., NET, (Ph.D.)

Head, Department of B.Com. (Bank Management),  
St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore - 607 001, Tamil Nadu, India.  
Email : fatheralex@yahoo.co.in

Date : / / . 01 . 2

To  
BRANCH MANAGER,  
PUNJAB NATIONAL BANK,  
CUDDALORE BRANCH.

Respected Sir/Madam,

**Sub:** Envisaging feasibility for performing Project Regd.

I hereby certify that, the following bonafide students of our Institution pursuing III-Year Commerce (Bank Management) are required to perform Project as part of their curriculum. In connection with this we are envisaging your feasibility to allow the following students to perform their Project in your esteemed organization and provide them Certificate on completion of project.

S.NO	Roll No	Student's Name
1	A20BBD27	Kumaran T N
2	A20BBD34	Nithishkumar K
3	A20BBD71	Aravind V
4	A20BBD15	Dhivlesh G
5	A20BBD07	Ashik Ahamed M

Thanking you,

With regards,

Rev. Dr. A. ALEX, M.Com., M.Ed., M.Phil., NET, SET, Ph.D.,  
Dean of Studies & Head of BBM and BBA (CA)  
Placement, Entrepreneurship & Hostel Director  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.





पंजाब नैशनल बैंक Punjab National Bank  
...भरोसे का प्रतीक! ...the name you can BANK upon!

BO: Cuddalore , D. No: 0104

No:112, Bharathi Road, Cuddalore – 607001

Ph.No: 7708064670, email: [bo0104@pnb.co.in](mailto:bo0104@pnb.co.in)

Date: 30.01.2023

Place: Cuddalore


To whomsoever it may concern

**Performing Internship Project on Banking at PNB, Cuddalore**

This is to certify that, the following students have attended 2days live internship program at Punjab National Bank – Cuddalore Branch on 11.01.2023 & 12.01.2023. The Students have actively participated and showed their involvement in completing the project. Hence we appreciate their participation and certify the completion of Project.

S.no	Roll No	Student's Name
1	A20BBD27	Kumaran T N
2	A20BBD34	Nithishkumar K
3	A20BBD71	Aravind V
4	A20BBD15	Dhivlesh G

With Regards,

  
SENIOR MANAGER  
Punjab National Bank  
BO: Cuddalore



Head Office, Plot No. 4, Sector 10, Dwarka, New Delhi – 110075  
प्रधानकार्यालय, प्लॉट नं 4, सेक्टर -10, द्वारका, नईदिल्ली-110075

A PROJECT REPORT SUBMITTED TO ST JOSEPH'S COLLEGE ARTS AND  
SCIENCE  
(AUTONOMOUS), CUDDALORE.  
IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE DEGREE OF  
BACHELOR OF BANK MANAGEMENT

Submitted by

VENKATESH .B

JOHN DUNMEIL .G

HARISH .R.K

RAJESH.A

PRAKASH.G

Under the guidance of

MR.R.PUNNIYA SEELAN , M.COM,M.PHIL.,SLET,\*

Assistant Professor



DEPARTMENT OF BANK MANAGEMENT  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(Affiliated with Thiruvalluvar University)

CUDDALORE-607001

JANUARY-2023



Rev. Fr. A. Alex, M.Com., M.Ed., M.Phil., NET, (Ph.D.)

Head, Department of B.Com. (Bank Management),

St. Joseph's College of Arts and Science (Autonomous),

Cuddalore - 607 001, Tamil Nadu, India.

Email: fatheralex@yahoo.co.in



Date: 19.1.23

To

The Managing Director,  
The Puducherry Coop. Urban Bank Ltd.,  
No: 194, J.N. Street,  
Puducherry - 605 001.

Respected Sir/Madam,

Sub: Envisaging feasibility for performing Project Regd.

I hereby certify that, the following bonafide students of our Institution pursuing III-Year Commerce (Bank Management) are required to perform Project as part of their curriculum. In connection with this we are envisaging your feasibility to allow the following students to perform their Project in your esteemed organization and provide them Certificate on completion of project.

S.NO	Roll No	Student's Name
1	A20BBD66	Venkatesh B
2	A20BBD25	John Dumenil G
3	A20BBD20	Harish R K
4	A20BBD76	Rajesh A
5	A20BBD78	Prakash G

Thanking you,

With regards,

*Fr. Alex*

Rev. Dr. A. ALEX, M.Com., M.Ed., M.Phil., NET, SET, Ph.D.,  
Dean of Studies & Head of BBM and BBA (CA)  
Placement, Entrepreneurship & Hostel Director  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.





# The Pondicherry Co-op Urban Bank Ltd., P.14

H.O. 197, J.N. Street, Puducherry - 605 001.  
Tel : H.O. : 0413 - 2222140 Annex : 0413 - 2222293

PCUB/Estt./44/2022

Date : 19.01.2023.

To

Rev. Fr.A.Alex,  
Dean of Studies & Head of BBM and BBA(CA),  
Placement, Entrepreneurship & Hostel Director,  
St. Joseph's College of Arts & Science (Autonomous)  
Puducherry.

Rev. Sister,

Sub : PCUB - Estt. - Permission for Project - reg.

Ref: Your letter No.Nil dated 19.01.2023.

\*\*\*\*\*

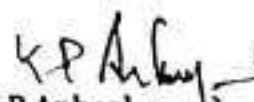
With reference to the above, we permit the following 5 students studying Third year in Commerce (Bank Management), to carry out their Project for a period of 5 days during the month of January 2023.

1. Selvan.B.Venkatesh 2. Selvan.G.John Dumenil  
3. Selvan.R.K.Harish 4. Selvan.A.Rajesh 5. Selvan.G.Prakash

During this period they should adhere to the rules and regulations without any lapse.

Thanking you,

Yours faithfully,

  
(K.P. Anbazhagan)  
Manager (Estt.)

E-mail : [info@pondicherryurbanbank.in](mailto:info@pondicherryurbanbank.in) Web : [www.pondicherryurbanbank.in](http://www.pondicherryurbanbank.in)

Branches :	JN Street	Muthialpet	Mudaliarpeth	Nellithope	Villianur	Lawspet
Tel :	2222140	2285255	2285257	2245256	2665258	2251261



**A PROJECT REPORT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS),  
CUDDALORE.**

**IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE  
DEGREE OF BACHELOR OF BANK MANAGEMENT**

Submitted by

**SINDHUVELIYAN. K  
BHUVANESHWAR. V  
SUBASH. N  
SASIDHARAN. N  
SENTHAMIZHAN. S**

Under the guidance of

**Mr. R. PUNNIYA SEELAN, M.COM, M.PHIL., SLET,\***

**ASSISTANT PROFESSOR**



**DEPARTMENT OF BANK MANAGEMENT**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),  
( Affiliated with Thiruvalluvar University)**

**CUDDALORE-607001.**

**January-2023**

**A PROJECT REPORT SUBMITTED TO ST JOSEPH'S COLLEGE ARTS  
AND SCIENCE (AUTONOMOUS). CUDDALORE.**  
**IN PARTIAL FUFILLMENT OF THE REQUIREMENT FOR THE DEGREE  
OF**

**BACHELOR OF BANK MANAGEMENT**

**Submitted by**

**A. MAHES WARAN**

**K. S. ABILESH**

**V. SIVAVEL**

**S. BALAJI**

**M. ILAYA PERUMAL**

**Under the guidance of**

**Dr. R. KRISHNAVENI, M.COM., M.PHIL., SET**

**Department of bank Management (BM)**



**DEPARTMENT OF BANK MANAGEMENT**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**JANUARY-2023**

**STUDY ON LOANS AND ADVANCES ON  
STATE BANK OF INDIA  
IN PARTIAL FULLFILMENT OF THE REQUIREMENT FOR THE AWARD OF THE  
DEGREE OF BACHELOR OF B.COM-BANK MANAGEMENT**

**SUBMITTED BY**

**Mr. D.RISHAB (Roll.No A20BBD44)**

**Mr. D.RESHE DAS (Roll.No A20BBD43)**

**Mr. S.SABARISH (Roll.No A20BBD45)**

**Mr. G.DARISH KUMAR (Roll.No A20BBD13)**

**Mr. Y.JARALD (Roll.No A20BBD24)**

**Mr. K.SUKRIVAN (Roll.No A20BBD60)**

**Under the Guidance of**

**REV. Fr. DR. A. ALEX, M.Com., M.Ed. M.Phil., NET, SET, .Ph.D.,**

**Assistant Professor**



**B.com -Bank Management**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE 607001**

**2022-2023**

## DECLARATION

We, student of B.com (BANK MANAGEMENT), studying At St. Joseph's College Of Arts And Science (Autonomous) Cuddalore, hereby declare that the project report on "Study of Loans and Advances of SBI Bank." submitted to the institute/bank in partial fulfilment of the requirement for the award of B.com(Bank Management) is the original work conducted by us.

The information given in this report is authentic to the best of Our abilities and knowledge.

Mr. D.RISHAB (Roll.No A20BBD44)

Mr. D.RESHE DAS (Roll.No A20BBD43)

Mr. S.SABARISH (Roll.No A20BBD45)

Mr. G.DARISH KUMAR (Roll.No A20BBD13)

Mr. Y.JARALD (Roll.No A20BBD24)

Mr. K.SUKRIVAN (Roll.No A20BBD60)



**PROJECT REPORT**  
**IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF**  
**THE DEGREE OF BACHELOR OF B.COM - BANK MANAGEMENT**

**Submitted by**

**ASHIK AHMED M (A20BBD07)**

**PARTHIBAN S (A20BBD35)**

**SANJAI R (A20BBD46)**

**SURENDHAR B (A20BBD61)**

**SURYA M (A20BBD62)**

**VIJAY G (A20BBD69)**

**Under the Guidance of**

**Dr. G. Bhuvaneswari, M.Com., M.Phil., M.B.A., Ph.D.,**

**Asst. Professor of BBM**



**DEPARTMENT OF BANK MANAGEMENT**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
**CUDDALORE – 607 001**

**2022-2023**



## CERTIFICATE

This is to certify that Thiru.

The above mentioned names of the students are undergone a practical training at our bank during the period of 26/12/2022 to 30/12/2022. They had collected the necessary data on the above dates. During that period their character was good.

1. A20BBD07 ASHIK AHMED M, BBM.,
2. A20BBD35 PARTHIBAN S, BBM.,
3. A20BBD46 SANJAI R, BBM.,
4. A20BBD61 SURENDHAR B, BBM.,
5. A20BBD62 SURYA M, BBM.,
6. A20BBD69 VIJAY G, BBM.,



**PRIMARY AGRICULTURAL CO-OPERATIVE CREDIT SOCIETY [LTD]E2045  
KURUNJPADI**

**IN PARTIAL FULLFILMENT OF THE REQUIREMENT FOR THE AWARD OF THE  
DEGREE OF BACHELOR OF B.COM-BANK MANAGEMENT**

**SUBMITTED BY**

**Mr. R.RANJITHKUMAR (Roll.No A20BBD42)**

**Mr.R. ARUNACHALAM (Roll.No A20BBD06)**

**Mr. D.BHARATHY (Roll.No A20BBD12)**

**Mr. D.DHILIPKUMAR (Roll.No A20BBD14)**

**Mr. P.GUNABARAN (Roll.No A20BBD19)**

**Under the Guidance of**

**Mr.R.PUNNIYA SEELAN,M.COM.,M.PHIL./SLET.,**

**Assistant Professor**



**B.com -Bank Management**

**STJOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE 607001**

**2022-2023**



**The Kurinjipadi Primary Agricultural Co-operative Credit Society Ltd., E. 2045**

New No. 11/28  
Old 19 Pattai Street • KURINJIPADI - 607 302 • Cuddalore District.

**.ANANTHABASKARAN, D.C.Tech.,**  
President

Date 30/12/2022

**.PERUMAL, M.Com., D.Co.op.,**  
Secretary

## CERTIFICATE

**This is to Certify that Thiru.**

- 1) A20BBD 06 R. ARUNACHALAM, B.B.M.,**
- 2) A20BBD 12 D.BHARATHY, B.B.M.,**
- 3) A20BBD 14 D.DHILIPKUMAR B.B.M.,**
- 4) A20BBD 19 P.GUNABARAN B.B.M.,**

**5) A20BBD 42 R.RANJITHKUMAR B.B.M., Undergone a practical training at our bank during the period from 26/12/2022 to 30/12/2022. He has collected necessary data particulars on the above dates. During that period his character is Good.**

*Dr. J. Jeyaraj*  
*30/12/2022*  
**SECRETARY**

**Kurinjipadi Primary Agricultural Coop.  
Credit Society Ltd.  
Kurinjipadi.**



**A PROJECT REPORT SUBMITTED TO ST JOSEPH'S COLLEGE  
ARTS AND SCIENCE  
BACHLORE OF COMMERCE., (BANK MANAGEMENT)**

**STUDY ON AXIS BANK**

**SUBMITTED BY  
MANIRAJU S  
APPOLLO SEBASTINRAJ A  
TAMILVANAN V  
PRASANNAKUMAR J  
VISHVA R**

**Under the guidance of  
MR. PUNNIYA SEELAN, M.COM. M. PHIL SLET  
Department of bank Management,**



**St. Joseph's college of arts and science (Autonomous) Cuddalore-1  
(Affiliated to thiruvalluvar university)**

**January 2023`**

**A PROJECT REPORT SUBMITTED TO ST JOSEPH'S COLLEGE ARTS AND SCIENCE  
(AUTONOMOUS) . CUDDALORE .**

**IN PARTIAL FUFILLMENT OF THE REQUIRMENT FOR THE DEGREE OF  
BACHELOR OF BANK MANAGEMENT**

**Submitted by**

**M.RAGUL**

**G.NIRMALKUMAR**

**JR.GOPI KRISHNA**

**V.LOGESH**

**K.SHAMNATH**

**Under the gudiance of**

**MR.R.PUNNIYA SEELAN,M.COM,M.PHIL,SLET,\***

**Department of bank Management (BM)**



**DEPARTMENT OF BANK MANAGEMENT**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**JANUARY-2023**



**HDFC BANK LTD**  
Cuddalore Branch

Date : 30.12.2022

**ATTENDANCE CERTIFICATE**

This is to Certify that Mr. M.Ragul, J.R.Gopikrishna, V.Logesh,  
G.NirmalKumar, K.Shannath. B.Com (BM) has undergone a practical training at  
our bank during the period from (26.12.2022) to (30.12.2022) He has collected the  
data related to his project work from our bank.

During the said period, His conduct and Character was good.



*Bd*  
**BALAMURUGAN.R**  
MANAGER.  
Emp. Code: 64577.  
HDFC BANK LTD.,  
CUDDALORE.

A PROJECT REPORT SUBMITTED TO ST JOSEPH'S COLLEGE ARTS AND SCIENCE

(AUTONOMOUS) , CUDDALORE .

IN PARTIAL FUFILLMENT OF THE REQUIRMENT FOR THE DEGREE OF

BACHELOR OF BANK MANAGEMENT

Submitted by

ANANDHAPADMANABAN.B

Under the gudiance of

MR.R.PUNNIYA SEELAN , M.COM,M.PHIL.,SLET,\*

Department of bank Management (BM)



DEPARTMENT OF BANK MANAGEMENT

ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

CUDDALORE-607001

JANUARY-2023



Date:28/12/2022

CERTIFICATE

This is to certify that Mr.B.Anandhapadmanaban S/o Balamurugan D ,B.B.M., has undergone a practical training at our bank during th period from 23/12/2022 to 27/12/2022.He has collected the data related to his project work from our bank during the said period.His conduct and character during the said period was Good.

*P. N. S. S.*  
Assistant Manager



B. Anandhapadmanaban  
( 020DD02 )

## DECLARATION OF THE STUDENT

We hereby declare that the work embodied in the project entitled "A study on work life balance of employees with references to central bank of india has been originally carried out by us under the guidance and supervision of MRS.R.PUNNIYASEELAN ,M.COM.,M.PHIL.,SLET.,Assistant professor ,department bank management , st.joseph's college of arts and science (Autonomous),cuddalore -607 001 affiliated to thiruvalluvar university ,vellore.this study has not been preveiously found as the basis for award of any degree ,diploma ,associate ship,fellowship or any other similar titles .it has not been submitted to any other university or institutions for the award degree or diploma

Place : *Cuddalore*

DATE : *20.04.2023*

*B. Anandha padmanaban*

*(A20BBD02)*

**(A STUDY WITH PRIVATE BANK CUDDALORE)**

**Project report submitted in partial fulfillment for the requirement for the award of  
degree of**

**BACHELOR OF COMMERCE., (BANK MANAGEMENT)**

**SUBMITTED BY  
SANTHOSH M  
SUBAMURUGAN C  
RAHUL B  
RAJAVARMAN S  
KANNADASAN K  
SASIDHARAN A**

**Under the guidance of  
Mr. A. DOMNIC XAVIER M.C.A., M.Com., M.Phil.,  
Department of bank Management,**



**St. Joseph's college of arts and science (Autonomous) Cuddalore-1  
(Affiliated to Thiruvalluvar university)**

**January 2023`**

## DECLARATION OF THE STUDENT

We hereby declare that the work embodied in the project enlisted "A study on the work-life balance of employees with references to the central bank of India has been originally carried out by us under the guidance and supervision of Mr. A. Dominic Xavier M.C.A., M.Com., M.Phil., Assistant Professor, Department of bank management, St. Joseph's College of Arts and Science (Autonomous), Cuddalore -607 001 affiliated to Thiruvalluvar University, Vellore. This study has not been previously found as the basis for an award of any degree, diploma, associate ship, fellowship, or any other similar titles. It has not been submitted to any other university or institutions for the award of degree or diploma.



**THE PUDUCHERRY PUBLIC SERVANTS CO-OPERATIVE CREDIT SOCIETY [LTD] P  
52**

**IN PARTIAL FULLFILMENT OF THE REQUIREMENT FOR THE AWARD OF THE  
DEGREE OF BACHELOR OF B.COM-BANK MANAGEMENT**

**SUBMITTED BY**

**Mr. A. PRATHAP (Roll.No A20BBD37)**

**Mr. K. PREMKUMAR (Roll.No A20BBD38)**

**Mr. G. GOKUL (Roll.No A20BBD16)**

**Mr. V. BASKARAN (Roll.No A20BBD11)**

**Mr. M. VIGNESH (Roll.No A20BBD67)**

**Under the Guidance of**

**Dr .R. KRISHNAVENI ,M.COM.,MPHIL.,PH.D.,SET.,**

**Assistant Professor**



**B.com -Bank Management**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE 607001**

**2022-2023**



Date 24.01.23

President  
Pondicherry Public Servants co-op credit society

Respected Sir/Madam,

Sub: Envisaging feasibility for performing Project Regd.

I hereby certify that, the following bonafide students of our Institution pursuing III-Year Commerce (Bank Management) are required to perform Project as part of their curriculum. In connection with this we are envisaging your feasibility to allow the following students to perform their Project in your esteemed organization and provide them Certificate on completion project.

S NO	Roll No	Student's Name
1	A20BBD37	Prathap A
2	A20BBD16	Gokul G
3	A20BBD38	Premkumar K
4	A20BBD11	Baskaran V
5	A20BBD67	Vignesh M

Thanking you,

With regards,

Rev. Dr. A. Alex, M.Ed., M.A., M.Phil., M.T.S., Ph.D.  
Dean of Studies & Head of Department of B.Com. &  
Placement, Entrepreneurship & Social Science  
St. Joseph's College of Arts & Science, Cuddalore  
Cuddalore - 607 001





0413-2241072  
0413-2245342

# The Puducherry Public Servants' Co-operative Credit Society Ltd., No. P. 52

133, KAMARAJ SALAI,

ILANGO NAGAR,

PUDUCHERRY - 605 011.

President :  
TAMIJOLI

-President :  
AZASEKARAN

Directors :  
K. ANGOVAN  
K. ARUDHAJALAM  
K. ABAGARAN  
K. ANESH  
K. LUNKUMAR  
K. UMUGAM  
K. SANTHARAJANE  
K. PIKRISHNAN  
K. RADARADJALOU  
K. SHPACHANDRU


PPSCCS\Student\2022-23\09

Puducherry  
Date 01.02.2023.....

## CERTIFICATE

This is to certify that **Thiru. A. Prathap**, (Enroll. No. **A20BBD37**) studying **Commerce (Bank Management)** 3<sup>rd</sup> Year in St. Joseph's College of Arts And Science (Autonomous), Cuddalore has successfully completed his 3 days project work from 30.01.2023 to 01.02.2023 in our Puducherry Public Servants' Co-op Credit Society Limited P.No.52, Puducherry as part of his course curriculum.



  
(K. TAMIJOLI)  
PRESIDENT

A PROJECT REPORT SUBMITTED TO ST JOSEPH'S COLLEGE  
ARTS AND SCIENCE (AUTONOMOUS)

. CUDDALORE .

IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE  
DEGREE OF

BACHELOR OF BANK MANAGEMENT

Submitted by

ANUPRAVEEN R

BALAJI M

INFANT JOE PATRICK S

SUBASH R

VASANTH R

Under the guidance of

MR.R.PUNNIYA SEELAN , M.COM,M.PHIL.,SLET,\*

Assistant Professor



DEPARTMENT OF BANK MANAGEMENT

ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

(Affiliated with Thiruvalluvar University)

CUDDALORE-607001

JANUARY-2023





Rev. Fr. A. Alex, M.Com., M.Ed., M.Phil., NET, (Ph.D.)  
Head, Department of B.Com. (Bank Management),  
St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore - 607 001, Tamil Nadu, India.  
Email : fatheralex@yahoo.co.in



Date :

To

THE MANAGER,  
STATE BANK OF INDIA,  
NELLIKUPPAM,  
CUDDALORE - 607105.

Respected Sir/Madam,

Sub: Envisaging feasibility for performing Project Regd.

I hereby certify that, the following bonafide students of our Institution pursuing III-Year Commerce (Bank Management) are required to perform Project as part of their curriculum. In connection with this we are envisaging your feasibility to allow the following students to perform their Project in your esteemed organization and provide them Certificate on completion of project.

S.NO	Roll No	Student's Name
1	A20BBD22	Infant Joe Partrick S
2	A20BBD03	Anupraveen R
3	A20BBD09	Balaji M
4	A20BBD58	Subash R
5	A20BBD64	Vasanth R

Thanking you,

With regards,

Rev. Dr. A. ALEX, M.Com., M.Ed., M.Phil., NET, SET, Ph.D.,  
Dean of Studies & Head of BBM and BBA (CA)  
Placement, Entrepreneurship & Hostel Director  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.



NELLIKUPPAM - 4765

347-B, Main Road  
Nellikuppam-607105  
PHONE: 041412-272292  
email- sbi.04765@sbi.co.in

**ATTENDANCE CERTIFICATE**

31.01.2023


This is to certify that below mentioned students' pursuing B.Com Bank Management at St Joseph College Cuddalore has undergone practical training at our State Bank of India, Nellikuppam branch from 30/01/2023 to 31/03/2023 and they have collected the data related to project work from our bank.

During the said period, their conduct and character were good.

1. R. Anupraveen
2. M. Balaji
3. S. Infant Joe Patrick
4. R. Subash
5. R. Vasanth

With regards

For STATE BANK OF INDIA

  
Branch Manager, Nellikuppam.

Branch Manager

## DECLARATION OF THE STUDENT

We hereby declare that the work embodied in the project entitled RETAIL AND BUSINESS PRODUCTS OF BANK with references to central bank of india has been originally carried out by us under the guidance and supervision of MRS.R.PUNNIYASEELAN,M.COM.,M.PHIL.,SLET., Assistant professor ,department bank management , st.joseph's college of arts and science (Autonomous),cuddalore -607 001 affiliated to thiruvalluvar university ,vellore.this study has not been preveiously found as the basis for award of any degree ,diploma ,associate ship,fellowship or any other similar titles .it has not been submitted to any other university or institutions for the award degree or diploma

ANUPRAVEEN R

BALAJI M

INFANT JOE PATRICK S

SUBASH R

VASANTH R

PLACE: Cuddalore

DATE: 03.01.2023

R.Anupraveen A20BBDD3

**DEPARTMENT OF COMMERCE (BANK MANAGEMENT)****2022 - 2023****List of Students Name and Project Title**

<b>S.No</b>	<b>ROLL.NO</b>	<b>STUDENT'S NAME</b>	<b>PROJECT TITLE</b>
1.	<b>A20BBE57</b>	<b>Shamitha. R</b>	Retail, Business Products & Services offered by HDFC Bank
	A20BBE56	Shahetha. B	
	A20BBE18	Iyswariya. K	
	A20BBE64	Sujitha. S	
	A20BBE44	Prithika. S	
	A20BBE49	Roshan sabeesa. H	
	A20BBE63	Subiksha. M	
2.	<b>A20BBE29</b>	<b>Kowsi. A</b>	Loans offered by State Bank of India
	A20BBE40	Pavithra. P	
	A20BBE38	Noorul Hathija. N	
	A20BBE43	Prathiyusha. S	
	A20BBE23	Jayasri. M	
	A20BBE45	Priyadharshini. T	
	A20BBE58	Sharmila Devi. P	
3.	<b>A20BBE50</b>	<b>Sadhana. V</b>	Retail and Business Products offered by HDFC Bank
	A20BBE47	Rajashri. R	
	A20BBE30	Lingeswari. N	
	A20BBE54	Saranya. S	
	A20BBE71	Priyadharshini. S	
	A20BBE21	Jayashree. A	
	A20BBE13	Eugene Irudhaya Mary. S	
4.	<b>A20BBE68</b>	<b>Swetha. V</b>	Retail Products in Co-operative Bank
	A20BBE37	Nishma. M G	
	A20BBE62	Sowmya. S	
	A20BBE24	Jayasri. S	
	A20BBE12	Elavarasi. M	
	A20BBE02	Akalya. M	
	A20BBE34	Monisha. J	
5.	<b>A20BBE27</b>	<b>Kinitha. M</b>	A study on the performance of Co-operative Bank, Cuddalore
	A20BBE17	Hemalatha. T	
	A20BBE01	Abinaya. N	
	A20BBE09	Dhivya Bharathi. S	
	A20BBE65	Susithra. N	
	A20BBE46	Priyanga. D	



	A20BBE35	Nazira Begam. N	
6.	<b>A20BBE67</b>	<b>Swathi. C</b>	Retail Products in Bank
	A20BBE39	Pavithra. P	
	A20BBE25	Kalaiselvi. S	
	A20BBE66	Susmitha. V	
	A20BBE04	Apsara. K	
	A20BBE33	Merlin. A	
	A20BBE41	Pooja. K	
7.	<b>A20BBE11</b>	<b>Divyadharshini. D</b>	Banking Sector Activities
	A20BBE69	Usha. K	
	A20BBE60	Sowmiya. M	
	A20BBE53	Saranya. K	
	A20BBE03	Akshayapriya. A	
	A20BBE32	Meenatchi. R	
8.	<b>A20BBE48</b>	<b>Ranjani. G</b>	Retail Products & Services in HDFC Bank
	A20BBE61	Sowmiya. S	
	A20BBE52	Salamathunisa. M A	
	A20BBE42	Poovitha. V	
	A20BBE26	Kamali. P	
	A20BBE20	Jayasankari. S	
9.	<b>A20BBE22</b>	<b>Jaya Shree. S</b>	Retail Products in HDFC Bank
	A20BBE10	Dhivya. V	
	A20BBE16	Heera. B	
	A20BBE06	Charumathi. M	
	A20BBE19	Janani. S	
	A20BBE55	Sathya. K	
	A20BBE51	Sahana. S	
10.	<b>A20BBE28</b>	<b>Kousalya. R</b>	Agricultural loan offered by Co- operative Bank
	A20BBE14	Gunapriya. S	
	A20BBE05	Asha. S	
	A20BBE08	Dharani. G	
	A20BBE70	Varsha. M	
	A20BBE31	Manjusha. S	
	A20BBE07	Deepa. M	

*R. Krishnaveni*

**Dr. R. Krishnaveni**  
Assistant Professor

*Dr. A. Alex*

**Rev. Fr. Dr. A. Alex**  
Head of the Department

# **RETAIL PRODUCTS IN BANK**

**A PROJECT REPORT SUBMITTED TO ST JOSEPH'S COLLEGE ARTS AND SCIENCE  
(Autonomous)**

**BACHELOR OF COMMERCE., (BANK MANAGEMENT)**

## **SUBMITTED BY**

C.SWATHI	(A20BBE67)
P.PAVITHRA	(A20BBE39)
S.KALAISELVI	(A20BBE25)
V.SUSMITHA	(A20BBE66)
K.APSARA	(A20BBE04)
A.MERLIN	(A20BBE33)
K.POOJA	(A20BBE41)

**Under the guidance of**

**MR. A. DOMNIC XAVIER, M.C.A., M.Com., M.Phil.,**

*Assistant professor*



**DEPARTMENT OF COMMERCE (BANK MANAGEMENT)**

***St. Joesph's College of Arts and Science (Autonomous)***

***Cuddalore 1***

***2022 to 2023***

BO: Cuddalore , D. No: 0104

No:112, Bharathi Road, Cuddalore - 607001

Ph.No: 7708064670, email: [bo0104@pnb.co.in](mailto:bo0104@pnb.co.in)

Date: 04.03.2023

Place: Cuddalore

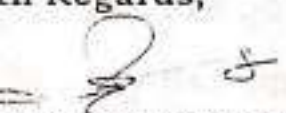
To whomsoever it may concern

**Performing Internship Project on Banking at PNB, Cuddalore**

It is to certify that, the following students have attended 2days live internship program at Punjab National Bank - Cuddalore Branch on 01.01.2023 & 13.01.2023. The Students have actively participated and showed their involvement in completing the project. Hence we appreciate their participation and certify the completion of Project.

S.No	Roll No	Student's Name
1	A20BBE67	Swathi C
2	A20BBE39	Pavithra P
3	A20BBE25	Kalaiselvi S
4	A20BBE66	Susmitha V
5	A20BBE04	Apsara K
6	A20BBE33	Merlin A
7	A20BBE41	Pooja K

With Regards,

  
SENIOR MANAGER  
Punjab National Bank  
Cuddalore



## DECLARATION

**Mr.A.DOMNIC XAVIER M.C.A.,M.Com.,M.Phil.,**  
**Department of Commerce (Bank Management),**  
**St.Joseph's college of Arts and Science (Autonomous),**  
**Cuddalore-607 001**

This is to certify that the project report entitled to **RETAIL PRODUCTS IN BANK** is of personal effort and work carried out by C.Swathi, P.Pavithra, S.Kalaiselvi, S.Susmitha, K.Apsara, A.Merlin, K.Pooja, a student of regular course of B.Com (Bank Management), St.Joseph college of Arts and Science (Autonomous) Cuddalore-607 001 during the period of her study in the academic year 2020-2023, in partial fulfillment of the requirement for the award of the degree of **BACHELOR OF COMMERCE (Bank Management)**. The project report represents an independent work on the part of the candidate, but general guidance rendered by me.

  
Head of the Department

**Rev. Dr. A. ALEX, M.Com., M.Ed., M.Phil., NET, SET, Ph.D.,**  
**Dean of Studies & Head of BBM and BBA (CA)**  
**Placement, Entrepreneurship & Hostel Director**  
**St. Joseph's College of Arts & Science (Autonomous)**  
**Cuddalore - 607 001.**

Date: 20.04.2023

Place: Cuddalore

  
Supervisor



# STATE BANK OF INDIA- NELLIKUPPAM - 04765

IN PARTIAL FULLFILMENT OF THEREQUIRMENT FOR THE AWARD OF THE DEGREE  
OF BACHELOR OF B.COM - BANK MANAGEMENT

## SUBMITTED BY

KOWSLA (Roll.No A20BBE29)

PAVITHRA.P (Roll.No A20BBE40)

NOORUL HATHIJA.N (Roll.No A20BBE38)

PRATHIYUSHA.S (Roll.No A20BBE43)

JAYASRLM (Roll.No A20BBE23)

PRIYADHARSHINI.T (Roll.No A20BBE45)

SHARMILA DEVI.P (Roll.No A20BBE58)

Under the Guidance of

**Dr.R.KRISHNAVENI , M.Com.,M.Phil., Ph.D.,SET.,**

Assistant Professor

Department of Commerce (Bank Management)



Department of Commerce (Bank Management)

St. Joseph's College of Arts and Science (Autonomous) Cuddalore-1

APRIL 2023

*Dr. R. KRISHNA VENI*

*Asst. Professor*

*Dept. of Commerce (Bank Management)*

*Alex*  
**Rev. Dr. A. ALEX, M.Com., M.Ed., M.Phil., NET, SET, Ph.D.,**  
Dean of Studies & Head of BBM and BBA (CA)  
Placement, Entrepreneurship & Hostel Director  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.



भारतीय स्टेट बैंक  
State Bank of India

NELLIKUPPAM -04765  
347-B, MAIN ROAD  
NELLIKUPPAM-607105  
PANRUTI TALUK

12.01.2023

**CERTIFICATE**

This is to certify that Miss

- 1) A20BBE 29 A KOWSI B.B.M
- 2) A20BBE 40 P PAVITHRA B.B.M
- 3) A20BBE 38 N NOORUL HATHIJA B.B.M
- 4) A20BBE 43 S PRATHIYUSHA B.B.M
- 5) A20BBE 23 M JAYASRI B.B.M
- 6) A20BBE 45 T PRIYADHARSHINI B.B.M
- 7) A20BBE 58 P SHARMILA DEVI B.B.M

Undergone a practical training at our bank during the period from 29.12.2022 to 11.01.2023.  
She has collected necessary data particulars on the above dates. During that period their  
characters are good.

Yours Faithfully  
For STATE BANK OF INDIA  
  
Branch Manager, Nellikuppam.  
Branch Manager



# **RETAIL PRODUCT AND BUSINESS PRODUCT AND SERVICE OFFERED BY HDFC BANK**

## **CUDDALORE BRANCH**

**IN PARTIAL FULLFILMENT OF THE REQUIREMENT FOR THE AWARD OF THE  
DEGREE OF BACHELOR OF B.COM-BANK MANAGEMENT**

### **SUBMITTED BY**

<b>R. SHAMITHA</b>	<b>(Roll.No A20BBE57)</b>
<b>B.SHASHETHA</b>	<b>(Roll.No A20BBE56)</b>
<b>S.PRITHIKA</b>	<b>(Roll.No A20BBE44)</b>
<b>S.SUJITHA</b>	<b>(Roll.No A20BBE64)</b>
<b>K.IYSWARIYA</b>	<b>(Roll.No A20BBE18)</b>
<b>H.ROSHAN SABEESA</b>	<b>(Roll.No A20BBE49)</b>
<b>M.SUBIKSHA</b>	<b>(Roll.No A20BBE63)</b>

**Under the Guidance of Professor**

**MR.R.PUNNIYA SEELAN M.COM.,M.ED.,M.PHIL.,SLET.,**



**DEPARTMENT OF B.COM-BANK MANAGEMENT**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)-CUDDALORE 607001**

**2022-2023**

**Rev. Dr. A. ALEX, M.Com., M.Ed., M.Phil., NET, SET, Ph.D.,  
Dean of Studies & Head of BBM and BBA (CA)**



CUDDALORE BRANCH

CERTIFICATE

DATE:21.01.2023

This is to certify to the following students pursing Bachelor of commerce (Bank Management) in St. Joseph's college of Arts and Science (Autonomous) Cuddalore had undergone their project work in your bank. During the period of project work their conduct was very good

LIST OF STUDENTS;

1. Shamitha.R
2. Shahetha.B
3. Prithika.S
4. Sujitha.S
5. Iyswariya.K
6. Roshan sabeesa.H
7. Subiksha.M



MANAGER  
SELVAKUMAR A.  
Emp. Code: 557381  
PBA  
CUDDALORE-1689



**A PROJECT REPORT SUBMITTED TO ST. JOSEPH'S COLLEGE OF  
ARTS AND SCIENCE (AUTONOMOUS)  
BACHELOR OF COMMERCE., (BANK MANAGEMENT)**

**SUBMITTED BY**

**V.SWETHA(A20BBE68)  
MAKALYA (A20BBE02)  
M.G.NISHIMA (A20BBE37)  
S.SOWMYA (A20BBE62)  
J.MONISHA (A20BBE34)  
M.ELAVARASI (A20BBE12)  
S.JAYASRI (A20BBE24)**

**Under the guidance of**

**Dr. G.BHUVANESWARI M.Com., M.Phil., M.B.A., Ph.D.,  
Assistant Professor**



**DEPARTMENT OF COMMERCE (BANK MANAGEMENT)**

**St. Joseph's College of Arts and Science (Autonomous)**

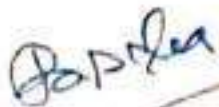
**Cuddalore-1**

**Rev. Dr. A. ALEX, M.Com., M.Ed., M.Phil., NET, SET, Ph.D.,  
Dean of Studies & Head of BBA and BBA (CA)  
Placement, Entrepreneurship & Hostel Director  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.**

## DECLARATION

Dr.G.b.Bhuvaneswari M.Com., M.Phil., M.B.A, Ph.D,  
Department of Commerce (Bank Management),  
St.Joseph's College of Arts and Science (Autonomous),  
Cuddalore-607 001.

This is to certify that the project report entitled to **RETAIL PRODUCT IN BANK** is of personal effort and work carried out by V.Swetha, M.Akalya, M.G.Nishma, S.Sowmya, J.Monisha, M.Elavarasi, S.Jayasri , a student of regular course of B.Com (Bank Management), St.Joseph's College of Arts and Science (Autonomous) Cuddalore-607 001 during the period of her study in the academic year 2020-2023, in partial fulfillment of the requirement for the award of the degree of **BACHALOR OF COMMERCE (bank management)** .The project report represents an independent work on the part of the candidate, but general guidance rendered by me.



Head of the Department



Supervisor

Date: 20-4-2023

Place: Cuddalore



**THE CUDDALORE DISTRICT  
CENTRAL CO-OPERATIVE BANK LTD.,**

POST BOX NO.1, BEACH ROAD, CUDDALORE - 607 001.  
TEL :04142-295911-913 ; FAX:295916 ; email:cudbank@yahoo.com

---

**Date: 25.01.2023**

**CERTIFICATE OF TRAINING**

This is to certify that **Miss. V. Swetha**, BBM, Final Year, St. Joseph's College of Arts and Science, Cuddalore in partial fulfilment of her degree course, she has satisfactorily completed her "**Internship**" training in our Thirupapuliur Branch for a period of 4 days from 18.01.2023 to 21.01.2023 and we are pleased with her conduct and performance.

**Assistant General Manager**



**THE CUDDALORE DISTRICT  
CENTRAL CO-OPERATIVE BANK LTD.,**

POST BOX NO.1, BEACH ROAD, CUDDALORE - 607 001.  
TEL : 04142-295911-913 ; FAX: 295916 ; email: cudbank@yahoo.com

---

**Date: 25.01.2023**

**CERTIFICATE OF TRAINING**

This is to certify that **Miss. M. Akalya**, BBM, Final Year, St. Joseph's College of Arts and Science, Cuddalore in partial fulfilment of her degree course, she has satisfactorily completed her "**Internship**" training in our Koothapakkam Branch for a period of 4 days from 18.01.2023 to 21.01.2023 and we are pleased with her conduct and performance.

**Assistant General Manager**





# THE CUDDALORE DISTRICT CENTRAL CO-OPERATIVE BANK LTD.,

POST BOX NO.1, BEACH ROAD, CUDDALORE - 607 001.  
TEL :04142-295911-913 ; FAX:295916 ; email:cudbank@yahoo.com

Date: 25.01.2023

## CERTIFICATE OF TRAINING

This is to certify that **Miss. S. Jayasri**, BBM, Final Year, St. Joseph's College of Arts and Science, Cuddalore in partial fulfilment of her degree course, she has satisfactorily completed her "**Internship**" training in our Head Office Branch for a period of 4 days from 18.01.2023 to 21.01.2023 and we are pleased with her conduct and performance.

**Assistant General Manager**



# THE CUDDALORE DISTRICT CENTRAL CO-OPERATIVE BANK LTD.,

POST BOX NO.1, BEACH ROAD, CUDDALORE - 607 001.  
TEL : 04142-295911-913 ; FAX: 295916 ; email: cudbank@yahoo.com

Date: 25.01.2023

## CERTIFICATE OF TRAINING

This is to certify that **Miss. M. Elavarasi**, BBM, Final Year, St. Joseph's College of Arts and Science, Cuddalore in partial fulfilment of her degree course, she has satisfactorily completed her "**Internship**" training in our Head Office Branch for a period of 4 days from 18.01.2023 to 21.01.2023 and we are pleased with her conduct and performance.

  
**Assistant General Manager**



## THE CUDDALORE DISTRICT CENTRAL CO-OPERATIVE BANK LTD.,


POST BOX NO.1, BEACH ROAD, CUDDALORE - 607 001.  
TEL :04142-295911-913 ; FAX:295916 ; email:cudbank@yahoo.com

---

Date: 25.01.2023

### CERTIFICATE OF TRAINING

This is to certify that **Miss. J. Monisha**, BBM, Final Year, St. Joseph's College of Arts and Science, Cuddalore in partial fulfilment of her degree course, she has satisfactorily completed her "**Internship**" training in our Head Office Branch for a period of 4 days from 18.01.2023 to 21.01.2023 and we are pleased with her conduct and performance.

  
Assistant General Manager




**THE CUDDALORE DISTRICT  
CENTRAL CO-OPERATIVE BANK LTD.,**

POST BOX NO.1, BEACH ROAD, CUDDALORE - 607 001.  
TEL : 04142 295911 913 ; FAX: 295916 ; email: cudbank@yahoo.com

**Date: 25.01.2023**

**CERTIFICATE OF TRAINING**

This is to certify that **Miss. S. Sowmya**, BHM, Final Year, St. Joseph's College of Arts and Science, Cuddalore in partial fulfilment of her degree course, she has satisfactorily completed her "**Internship**" training in our Koothapakkam Branch for a period of 4 days from 18.01.2023 to 21.01.2023 and we are pleased with her conduct and performance.

  
**Assistant General Manager**





# THE CUDDALORE DISTRICT CENTRAL CO-OPERATIVE BANK LTD.,

POST BOX NO.1, BEACH ROAD, CUDDALORE - 607 001.  
TEL : 04142-295911-913 ; FAX:295916 ; email:cudbank@yahoo.com

Date: 25.01.2023

## CERTIFICATE OF TRAINING

This is to certify that **Miss. M.G. Nishma**, BBM, Final Year, St. Joseph's College of Arts and Science, Cuddalore in partial fulfilment of her degree course, she has satisfactorily completed her "**Internship**" training in our Thirupapuliur Branch for a period of 4 days from 18.01.2023 to 21.01.2023 and we are pleased with her conduct and performance.

**Assistant General Manager**

**PROJECT REPORT**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF BACHELOR OF B.COM- BANK MANAGEMENT**

**SUBMITTED BY**

**V. SADHANA (A20BBE50)**

**S. EUGENE IRUDHAYA MARY (A20BBE13)**

**R. RAJASHRI (A20BBE47)**

**N. LINGESWARI (A20BBE30)**

**S. SARANYA (A20BBE54)**

**A. JAYASHREE (A20BBE21)**

**S. PRIYADHARSHINI (A20BBE71)**

**Under the Guidance of**

**Rev.Fr.Dr.A.Alex,M.Com.,M.Ed.,M.Phil.,NET,SET,Ph.D.**

**Dean of Studies &**

**Head**

**BBM and BBA(CA)**



**B.Com – Bank Management**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**CUDDALORE – 607001**

**2022-2023**

  
**Rev. Dr. A. ALEX, M.Com., M.Ed., M.Phil., NET, SET, Ph.D.,  
Dean of Studies & Head of BBM and BBA (CA)  
Placement, Entrepreneurship & Hostel Director  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.**



**HDFC BANK LTD**  
**Cuddalore Branch**

**Date : 13.01.2023**

**ATTENDANCE CERTIFICATE**

This is to certify that Ms. S. Eugene Irudhaya Mary, V.Sadhana, S.Saranya, R. Rajashri, N.Lingeswari, A. Jayashree, S. Priyadharshini has undergone a practical training at our bank during the period from (11.01.2023) to (13.01. 2023). She has collected the data related to her project work from our bank.

During the said period, her conduct and Character was good.



**BALAMURUGAN.R**  
**MANAGER,**  
**Emp. Code: B4077,**  
**HDFC BANK LTD.,**  
**CUDDALORE.**





## **HDFC BANK LTD**

**Cuddalore Branch**

**Date : 13.01.2023**

### **ATTENDANCE CERTIFICATE**

This is to certify that Ms. S. Eugene Indhaya Mary has undergone a practical training at our bank during the period from (11.01.2023) to (13.01. 2023). She has collected the data related to her project work from our bank.

During the said period, her conduct and Character was good.



**BALAMURUGAN.R**  
**MANAGER,**  
Emp. Code: B4077,  
HDFC BANK LTD.,  
CUDDALORE.





**HDFC BANK LTD**

**Cuddalore Branch**

**Date : 13.01.2023**

**ATTENDANCE CERTIFICATE**

This is to certify that Ms. V. Sadhanahas undergone a practical training at our bank during the period from (11.01.2023) to (13.01. 2023). She has collected the data related to her project work from our bank.

During the said period, her conduct and Character was good.



*R*  
**BALAMURUGAN.R**  
**MANAGER,**  
**Emp. Code: B4077,**  
**HDFC BANK LTD.,**  
**CUDDALORE.**



## HDFC BANK LTD

Cuddalore Branch

Date : 13.01.2023

### ATTENDANCE CERTIFICATE

This is to certify that Ms. S. Saranyan has undergone a practical training at our bank during the period from (11.01.2023) to (13.01. 2023). She has collected the data related to her project work from our bank.

During the said period, her conduct and Character was good.



*B*  
**BALAMURUGAN.R**  
MANAGER,  
Emp. Code: B4077,  
HDFC BANK LTD.,  
CUDDALORE.



## HDFC BANK LTD

Cuddalore Branch

Date : 13.01.2023

### ATTENDANCE CERTIFICATE

This is to certify that Ms. R. Rajashrihas undergone a practical training at our bank during the period from (11.01.2023) to (13.01. 2023). She has collected the data related to her project work from our bank.

During the said period, her conduct and Character was good.



*R/V*  
**BALAMURUGAN.R**  
MANAGER,  
Emp. Code: B4077,  
HDFC BANK LTD.  
CUD



**HDFC BANK LTD**

**Cuddalore Branch**

**Date : 13.01.2023**

**ATTENDANCE CERTIFICATE**

This is to certify that Ms. N. Lingeswarilias undergone a practical training at our bank during the period from (11.01.2023) to (13.01. 2023). She has collected the data related to her project work from our bank.

During the said period, her conduct and Character was good.



*B*  
**BALAMURUGAN.R**  
**MANAGER,**  
**Emp. Code: B4077,**  
**HDFC BANK LTD.,**  
**CUDDALORE.**





## HDFC BANK LTD

Cuddalore Branch

Date : 13.01.2023

### ATTENDANCE CERTIFICATE

This is to certify that Ms. A. Jayashreehas undergone a practical training at our bank during the period from (11.01.2023) to (13.01. 2023). She has collected the data related to her project work from our bank.

During the said period, her conduct and Character was good.



*RL*  
**BALAMURUGAN.R**  
MANAGER,  
Emp. Code: B4077,  
HDFC BANK LTD.,  
CUDDALORE.



**HDFC BANK LTD**  
**Cuddalore Branch**

**Date : 13.01.2023**

**ATTENDANCE CERTIFICATE**

This is to certify that Ms. S. Priyadharshini has undergone a practical training at our bank during the period from (11.01.2023) to (13.01.2023). She has collected the data related to her project work from our bank.

During the said period, her conduct and Character was good.



*B*  
**BALAMURUGAN.R**  
**MANAGER,**  
**Emp. Code: B4077,**  
**HDFC BANK LTD.,**  
**CUDDALORE.**

## **BANKING SECTOR ACTIVITIES**

(With this special reference to Cuddalore District Central Co-Operative Bank, Cuddalore).

Project Report submitted to partial fulfillment for the requirement for the award of degree.

## **BACHELOR OF COMMERCE., (BANK MANAGEMENT)**

### **SUBMITTED BY**

Divyadharshini, D	A20BBE11
Akshayapriya, A	A20BBE03
Meenatchi, R	A20BBE32
Saranya, K	A20BBE53
Sowmiya, M	A20BBE60
Usha, K	A20BBE69

Under the guidance of

**Rev.Fr.Dr.A.Alex, M.Com., M.Ed., NET., SET., M.Phil., Phd.,**

Department of Bank Management,



**St Joseph' College of Arts and Science (Autonomous) Cuddalore-1**  
**(Affiliated to Thiruvalluvar University)**

**2022-2023**

  
**Rev. Dr. A. ALEX, M.Com., M.Ed., M.Phil., NET, SET, Ph.D.,**  
**Dean of Studies & Head of BBM and BBA (CA)**  
**Placement, Entrepreneurship & Hostel Director**  
**St. Joseph's College of Arts & Science (Autonomous)**  
**Phone - 607 001.**

## EXECUTIVE SUMMARY



Rev. Fr. A. Alex, M.Com., M.Ed., M.Phil., NET, (Ph.D.)

Head, Department of B.Com. (Bank Management)

St. Joseph's College of Arts and Science (Autonomous)

Cuddalore - 607 001, Tamil Nadu, India

Email: [Inthertalex@jphs.ac.in](mailto:Inthertalex@jphs.ac.in)



Date: 20/11/2022

To

GENERAL MANAGER,

THE CUDDALORE DISTRICT CENTRAL CO-OPERATIVE  
BANK LTD.,

Respected Sir/Madam,

**Sub:** Envisaging feasibility for performing Internship/Project Regd

I hereby certify that the following students pursuing III-Year Commerce (Bank Management) are bonafide students of our Institution. The Final year students are required to perform Internship/Project as part of their curriculum. In connection with this we are envisaging your feasibility to allow the following students to perform their Internship/Project in your esteemed organization and provide them Certificate on completion of project.

S.NO	Roll No	Student's Name
1	A20BBE11	Divyadharshini D
2	A20BBE69	Usha K
3	A20BBE53	Saranya K
4	A20BBE03	Akshaya Priya A
5	A20BBE32	Meenatchi R
6	A20BBE60	Sowmiya M

Thanking you,

With regards

Rev. Fr. A. ALEX, M.Com., M.Ed., M.Phil., NET, (Ph.D.)

Asst. Professor & Head

B.Com. and B.A. (Hons)

St. Joseph's College of Arts and Science (Autonomous)

Cuddalore - 607 001





# THE CUDDALORE DISTRICT CENTRAL CO-OPERATIVE BANK LTD.,


POST BOX NO. 1, BEACH ROAD, CUDDALORE - 607 001.  
TEL : 04142-295911-913 ; FAX: 295916 ; email: cudbank@yahoo.com

Date: 30.01.2023

## CERTIFICATE OF TRAINING

This is to certify that **Miss. D. Divyadharshini**, B.Com, III Year, St. Joseph's College of Arts and Science, Cuddalore in partial fulfilment of her degree course, she has satisfactorily completed her "**Internship**" training in our Cuddalore OT Branch for a period of 8 days from 18.01.2023 to 25.01.2023 and we are pleased with her conduct and performance.



  
Assistant General Manager



**THE CUDDALORE DISTRICT  
CENTRAL CO-OPERATIVE BANK LTD.,**

POST BOX NO. 1, BEACH ROAD, CUDDALORE - 607 001  
TEL : 04142 295911 912 ; FAX : 295916 ; email : [cudbank@yahoo.com](mailto:cudbank@yahoo.com)

**Date: 30.01.2023**

**CERTIFICATE OF TRAINING**

This is to certify that **Miss. A. Akshaya Priya**, B.Com, III Year, St. Joseph's College of Arts and Science, Cuddalore in partial fulfillment of her degree course, she has satisfactorily completed her "Internship" training in our Cuddalore (F) Branch for a period of 8 days from 18.01.2023 to 25.01.2023 and we are pleased with her conduct and performance.



**Assistant General Manager**



# THE CUDDALORE DISTRICT CENTRAL CO-OPERATIVE BANK LTD.,

POST BOX NO.1, BEACH ROAD, CUDDALORE - 607 001.  
TEL : 04142-295911-913 ; FAX: 295916 ; email: [cdcooperativebank.com](mailto:cdcooperativebank.com)

Date: 30.01.2023

## CERTIFICATE OF TRAINING

This is to certify that **Miss. M. Sowmiya**, B.Com, III Year, St. Joseph's College of Arts and Science, Cuddalore in partial fulfilment of her degree course, she has satisfactorily completed her "Internship" training in our Head Office Branch for a period of 8 days from 18.01.2023 to 25.01.2023 and we are pleased with her conduct and performance.



  
Assistant General Manager



THE CUDDALORE DISTRICT  
CENTRAL CO-OPERATIVE BANK LTD.,

POST BOX NO.1, BEACH ROAD, CUDDALORE - 607 001.  
TEL : 04142-295911-913 ; FAX:295916 ; email:cudbank@yahoo.com

Date: 30.01.2023

**CERTIFICATE OF TRAINING**

This is to certify that Miss. K. Usha, B.Com, III Year, St. Joseph's College of Arts and Science, Cuddalore in partial fulfilment of her degree course, she has satisfactorily completed her "Internship" training in our Head Office Branch for a period of 8 days from 18.01.2023 to 25.01.2023 and we are pleased with her conduct and performance.



  
Assistant General Manager





**THE CUDDALORE DISTRICT  
CENTRAL CO-OPERATIVE BANK LTD.,**


POST BOX NO.1, BEACH ROAD, CUDDALORE - 607 001.  
TEL :04142-295911-913 ; FAX:295916 ; email:cudbank@yahoo.com

Date: 30.01.2023

**CERTIFICATE OF TRAINING**

This is to certify that **Miss. K. Saranya**, B.Com, III Year, St. Joseph's College of Arts and Science, Cuddalore in partial fulfilment of her degree course, she has satisfactorily completed her "**Internship**" training in our Thirupapuliyur Branch for a period of 8 days from 18.01.2023 to 25.01.2023 and we are pleased with her conduct and performance.



  
**Assistant General Manager**



## THE CUDDALORE DISTRICT CENTRAL CO-OPERATIVE BANK LTD.,

POST BOX NO. 11, BEACH ROAD, CUDDALORE - 607 001.  
TEL: 04142-245111-112 : FAX: 245114 : [enq@cudbank.coop.bank](mailto:enq@cudbank.coop.bank)

Date: 30.01.2023

### CERTIFICATE OF TRAINING

This is to certify that **Miss. R. Meenatchi, B.Com, III Year, St. Joseph's College of Arts and Science, Cuddalore** in partial fulfillment of her degree course, she has satisfactorily completed her "Internship" training in our Head Office Branch for a period of 8 days from 18.01.2023 to 25.01.2023 and we are pleased with her conduct and performance.



  
Assistant General Manager

**THE STUDY ON THE PERFORMANCE OF CO-OPRATIVE BANK,  
CUDDALORE**

**A PROJECT REPORT SUBMITTED TO**

**ST JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),**

**CUDDALORE.**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE DEGREE OF**

**BACHELOR OF COMMERCE (BANK MANAGEMENT)**

**SUBMITTED BY:**

**ABINAYA.N (A20BBE01)**

**DHIVYA BHARATHILS (A20BBE09)**

**HEMALATHA.T (A20BBE17)**

**KINITHA.M (A20BBE27)**

**NAZIRA BEGAM.N (A20BBE35)**

**PRIYANGA.D (A20BBE46)**

**SUSITHRA.N (A20BBE65)**

**Under the Guidance of**

**Dr. R. RAJKUMAR M.Com., B.Ed., M.Phil., Ph.D., M.B.A.,**

**Assistant professor**

**Department of Commerce (Bank Management)**



**DEPARTMENT OF COMMERCE (BANK MANAGEMENT)  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607 001**

## BONAFIDE CERTIFICATE

This is to certify that the project work titled "THE STUDY ON THE PERFORMANCE OF CO-OPRATIVE BANK, CUDDALORE" is a bonafide record work done by ABINAYA. A (A20BBE01), DHIVYA BHARATHI. S (A20BBE09), HEMALATHA. T (A20BBE17), KINITHA. M (A20BBE27), NAZIRA BEGAM.N (A20BBE35), PRIYANGA. D (A20BBE46), SUSITHRA.N (A20BBE65) in partial fulfilment of the requirement for the award of the degree, Commerce (Bank Management) in St. Joseph's college of Arts and Science (Autonomous), Cuddalore - 607 001, affiliated to Thiruvalluvar University, Vellore during the academic year 2022-2023.

Certified further that this work reported here in dose not form part of any other project report or dissertation on basis of which a degree or award was conferred on an earlier date to this or any other candidate.



Signature of the Guide



Signature of the Head of the Department

Signature of the Internal Examiner

Signature of the External Examiner



## CERTIFICATE OF THE STUDENT

We hereby declare that the project report entitled "THE STUDY ON THE PERFORMANCE OF CO-OPRATIVE BANK, CUDDALORE" has been originally carried out by is under the guidance and supervision Dr. R. RAJKUMAR M.Com., B.Ed., M.Phil., Ph.D., M.B.A., Assistant professor, Department of Commerce (Bank Management), St. Joseph's college of Arts and Science (Autonomous), Cuddalore- 607 001. Affiliated to Thiruvalluvar University, Vellore. This study has not been previously found as the basis for award of any other university or institution for the award any degree or diploma.

Place: Cuddalore

Date: 20.04.2023.

NAME OF THE STUDENT	SIGNATURE OF THE STUDENT
ABINAYA. A (A20BBE01)	N. Abinaya
DHIVYA BHARATHI. S(A20BBE09)	S. Dhivya Bharathi
HEMALATHA. T (A20BBE17)	T. Hemalath
KINITHA. M (A20BBE27)	Kinitha. M
NAZIRA BEGAM. N (A20BBE35)	N. Nazira Begam.
PRIYANGA. D (A20BBE46)	Priyanga. D
SUSITHRA. N (A20BBE65)	Susithra. N

# **RETAIL PRODUCTS IN BANK**

**A Project Report Submitted to St. Joseph's College of Arts and  
Science (Autonomous)**

**BACHELORE OF COMMERCE., (BANK MANAGEMENT)**

## **SUBMITTED BY**

<b>S.JAYA SHREE</b>	<b>(A20BBE22)</b>
<b>V.DHIVYA</b>	<b>(A20BBE10)</b>
<b>B.HEERA</b>	<b>(A20BBE16)</b>
<b>M.CHARUMATHI</b>	<b>(A20BBE06)</b>
<b>S.JANANI</b>	<b>(A20BBE19)</b>
<b>K.SATHYA</b>	<b>(A20BBE55)</b>
<b>S.SAKANA</b>	<b>(A20BBE51)</b>

**Under the guidance of**

**Mr.R.PUNNIYASEELAN M.Com.,M.Phil.,SLET.**

**Assistant Professor**



**DEPARTMENT OF COMMERCE (BANK MANAGEMENT)**

**St. Joseph's College of Arts and Science (Autonomous)**

**Cuddalore-1**

**2022 - 2023**



**CUDDALORE BRANCH**

Date: 25.01.2023

**CERTIFICATE**

This is to certify that Miss S. Jaya shree, V. Dhivya, B. Heera, M. Charumathi, S. Janani, K. Sathya, S. Sakana. B.B.M., undergone a practical training at our bank during the period from 20.01.2023 to 25.01.2023. She has collected necessary data particulars on the above dates. During that period her Character is Good.



**MANAGER**

  
**BALAMURUGAN.R**  
MANAGER,  
Emp. Code: B4077,  
HDFC BANK LTD.,  
CUDDALORE.



## DECLARATION

**Mr.R.PUNNIYASEELAN M.Com.,M.Phil.,SLET.**  
**Department of Commerce (Bank Management),**  
**St.Joseph's College of Arts and Science (Autonomous),**  
**Cuddalore-607 001.**

This is to certify that the project report entitled to **RETAIL PRODUCTS IN BANK** is of personal effort and work carried out by S.Jayashree, V.Dhivya, B.Heera, M.Charumathi, S.Janani, K.Sathya , S.Sakana , a student of regular course of B.Com (Bank Management), St.Joseph's College of Arts and Science (Autonomous) Cuddalore-607 001 during the period of her study in the academic year 2020-2023, in partial fulfillment of the requirement for the award of the degree of **BACHALOR OF COMMERCE (Bank Management)**. The project report represents an independent work on the part of the candidate, but general guidance rendered by me.



Head of the Department



Supervisor

Date: 20/04/23

Place: Cuddalore



**A PROJECT REPORT SUBMITTED TO ST. JOSEPH'S COLLEGE OF  
ARTS AND SCIENCE (AUTONOMOUS)  
BACHELOR OF COMMERCE., (BANK MANAGEMENT)**

**SUBMITTED BY**

**R.KOUSALYA(A20BBE28)**

**S.GUNA PRIYA(A20BBE14)**

**S.MANJUSHA (A20BBE31)**

**S.ASHA (A20BBE05)**

**G.DHARANI (A20BBE08)**

**M.DEEPA (A20BBE07)**

**M.VARSHA (A20BBE70)**

**Under the guidance of**

**Dr. G.BHUVANESWARI M.Com., M.Phil., M.B.A., Ph.D.,**

**Assistant Professor**



**DEPARTMENT OF COMMERCE (BANK MANAGEMENT)**

**St. Joseph's College of Arts and Science (Autonomous)**

**Cuddalore-1**

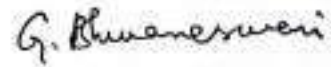
**2022-2023**

## CERTIFICATE

Dr.G.Bhuvaneswari M.Com., M.Phil., M.B.A, Ph.D,  
Department of Commerce (Bank Management),  
St.Joseph's College of Arts and Science (Autonomous),  
Cuddalore-607 001.

This is to certify that the project report entitled to **AGRICULTURE LOAN IN BANK** is of personal effort and work carried out by R.Kousalya, S.Guna Priya, S.Manjusha, S.Asha, G.Dharani, M.Deepa ,M.Varsha, a student of regular course of B.Com (Bank Management), St.Joseph's College of Arts and Science (Autonomous) Cuddalore-607 001 during the period of her study in the academic year 2020-2023, in partial fulfillment of the requirement for the award of the degree of **BACHALOR OF COMMERCE (Bank Management)** .The project report represents an independent work on the part of the candidate, but general guidance rendered by me.

  
Head of the Department

  
Supervisor

Date:

Place:





# The Cuddalore Co-operative Primary Agriculture and Rural Development Bank Ltd., E.1338

No. 45, Nellikuppam Main Road

Semmandalam  
No. E.1338  
CUDDALORE - 607 001.

Cuddalore-607 001. ☎ : 230989

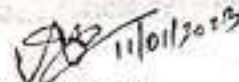
S.Ramalingam  
Present

Date: 11/01/2023

## CERTIFICATE

This is to Certificate that Ms. S. Guna Priya. R. Kousalya, S. Manjusha, S. Asha, G.Dharani, M.Deepa, M. Varsha Has Undergone a practical Traning at our bank during the period from (10.01.2023) to (11.01.2023) she has collected the data related to her project work form our bank.

During the said period , her conduct and Character was good.

 11/01/2023

Secretary  
The Cuddalore Co-operative Primary  
Agriculture and Rural Developme-  
Bank Ltd., No. E.1338, Cuddalore - 1

# **RETAIL PRODUCTS AND SERVICES IN HDFC BANK**

**IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF THE  
DEGREE OF BACHELOR IN B.COM-BANK MANAGEMENT**

***SUBMITTED BY***

**Ms. G. RANJANI (A20BBE48)**

**Ms. S. SOWMIYA (A20BBE61)**

**Ms. M. A. SALAMATHUNISA (A20BBE52)**

**Ms. V. POOVITHA (A20BBE42)**

**Ms. P. KAMALI (A20BBE26)**

**Ms. S. JAYASANKARI (A20BBE20)**

**Under the Guidance of**

**Dr. R. KRISHNAVENI, M.Com, M.Phil, Ph.D, SET**  
**Assistant Professor**



**Department of Commerce (Bank Management)**

**ST. JOSEPH'S COLLEGE OF ART AND SCIENCE (AUTONOMOUS)**  
**CUDDALORE 607001**  
**2022-2023**



**CERTIFICATE**

This is to certify that Miss Ranjani G, No. - A20BBE48, B.Com, undergone a practical training at our bank during the period from 20/01/2023 to 25/01/2023. She has collected necessary data particulars on the above dates. During that period her character is Good.

Manager

**SELVAKUMAR A.**  
Emp. Code: S57361  
PBA  
CUDDALORE-1060

**CERTIFICATE**

This is to certify that Miss.S.Sowmiya, G. No. - A20BBE61, B.Com, undergone a practical training at our bank during the period from 20/01/2023 to 25/01/2023. She has collected necessary particulars on the above dates. During that period her character is Good.

Manager

SELVAKUMAR A.  
Emp. Code: 557367  
PSA  
CUDDALORE-NBS

### CERTIFICATE

This is to certify that Mrs. M.A. Salamathumma, G. No - A-2035032, B.Com. undergone a practical training at our bank during the period from 20/01/2023 to 25/04/2023. She has collected necessary data particulars on the above dates. During that period her character is Good.

*Manager*


**SELVAKUMAR. A.**  
 Emp. Code: S57361  
 PBA  
 CUDDALORE-1060



### CERTIFICATE

This is to certify that Miss.V.Poovitha, G. No. - A20BBE42, B.Com. undergone a practical training at our bank during the period from 20/01/2023 to 25/01/2023. She has collected necessary data particulars on the above dates. During that period her character is Good.

Manager

  
**SELVAKUMAR. A.**  
Emp. Code: S57361  
PBA  
CUDDALORE-1060





### CERTIFICATE

This is to certify that Miss, P. Kamali, G. No. - A20BBF26, B.Com, undergone a practical training at our bank during the period from 20/01/2023 to 25/01/2023. She has collected necessary data particulars on the above dates. During that period her character is Good.

Manager  
SELVAKUMAR. A.  
Emp. Code: S57361  
PBA  
CUDDALORE 1000



**CERTIFICATE**

This is to certify that Miss.S.Jayasankari, G. No. - A20BBB20, B.Com, undergone a practical training at our bank during the period from 20/01/2023 to 25/01/2023. She has collected necessary data particulars on the above dates. During that period her character is Good.



Manager  
  
**SELVAKUMAR. A.**  
Emp. Code: S57361  
PBA  
CUDDALORE-1060

**St. Joseph's College of Arts & Science [Autonomous]**

**Cuddalore-1**

**Department of Business Administration (CA)**



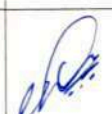
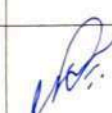
**Batch: 2020 – 2023**

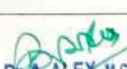
**(Shift I)**






**Academic Year: 2022 – 2023**

**Subject Name: Project Work**

**Subject Code: JBBA65**



S. No	Roll No.	Student's Name	Guide Name	Project Title	Guide Sign.
1	A20ACD03	ANANDHAJOTHI V	Mr. M. Om Prakash	A STUDY ON THE INFLUENCE OF OFFERS AND DISCOUNTS IN BUYING BEHAVIOUR OF CUSTOMERS IN ONLINE MODE	
	A20ACD04	ANTONY RAJ C			
	A20ACD25	NAVEEN S			
	A20ACD45	VASIKARAN B			
	A20ACD47	VIGNESH L			
2	A20ACD05	ARAVINDHAN R	Mr. R. Ilaiya Raja	A STUDY ON EMPLOYEE'S JOB SATISFACTION IN TAGROS CHEMICALS INDIA PRIVATE LIMITED IN CUDDALORE	
	A20ACD06	ARUL S			
	A20ACD19	JAGEDESH K			
	A20ACD28	PRASANNA RAJ K			
	A20ACD36	SHANMUGAPRIYAN M			
3	A20ACD10	BHERARAM M	Mr. M. Om Prakash	A STUDY ON CONSUMER BUYING BEHAVIOUR W.R.T HAUSER PEN AT MAHADEV AGENCY, CUDDALORE	
	A20ACD01	ADHITHIYAN J			
	A20ACD11	CHINNAPPADOSS D			
	A20ACD15	GOKULNATH P			
	A20ACD44	UDHAY KUMAR M			
4	A20ACD13	DINESH RAJA	Mr. M. Om Prakash	A STUDY ON BRAND PREFERENCE AMONG CHANNEL PARTNERS WITH REFERENCE TO THE BRAND CINTU	
	A20ACD12	DHINESH KUMAR R			
	A20ACD21	MOHAMED FAHATH A			
	A20ACD23	MOHMED YACCOB S			

  
**Rev. Dr. A. ALEX**, M.Com., M.Ed., M.Phil., NET, SET, Ph.D.,  
 Asst. Professor & Head  
 BBM and BBA (CA)  
 St. Joseph's College of Arts & Science (Autonomous)  
 Cuddalore - 607 001.

5	<b>A20ACD16</b>	<b>GUNACHANDRAN H</b>	Mr. R. Ilaiya Raja	AN STUDY OF AFFECTIVE EVENTS THEORY AT SCHLEMMER TECHNOLOGY INDIA PRIVATE LIMITED METTUPALAYAM, PUDUCHERRY	
	A20ACD17	HATHAR BASHA A			
	A20ACD20	KOLANDAI YASU J			
	A20ACD31	RAGVENDRAN N			
6	<b>A20ACD26</b>	<b>NIKHIL A</b>	Mr. M. Om Prakash	A STUDY ON CONSUMER PREFERENCE TOWARDS GHEE BRANDS AVAILABLE IN DAILY NEEDS, CUDDALORE	
	A20ACD34	SATHISH KUMAR P			
	A20ACD40	SUREN RAJ F			
	A20ACD49	YUVARAJ M			
	A20ACD51	INBATAMIZHAN K			
7	<b>A20ACD27</b>	<b>NILESH. S</b>	Mr. M. Om Prakash	A STUDY ON BRAND AWARENESS TOWARDS SANDISK PLYWOOD IN PUDUCHERRY	
	A20ACD02	ADHITYA KATARIA			
	A20ACD32	SABARINATHAN D			
	A20ACD38	SRIRAMAN S			
	A20ACD48	VIMALADITHAN A			
8	<b>A20ACD30</b>	<b>PURUSHOTHAMAN R</b>	Mr. R. Ilaiya Raja	A STUDY ON THE MARKETING STRATEGIES AND BRAND LOYALTY OF FASTRACK IN INDIA	
	A20ACD09	BARATH S			
	A20ACD14	GNANAMURTHY A			
	A20ACD18	HEMACHANDIRAN S			
	A20ACD35	SEENIVASAN N			
9	<b>A20ACD37</b>	<b>SRI HARIHARAN S</b>	Mr. R. Ilaiya Raja	A STUDY ON DIGITAL MARKETING IN NEXTGEN SOLUTIONS, CUDDALORE	
	A20ACD08	BALAAJEE S			
	A20ACD24	MUTHU V			
	A20ACD33	SAKTHIDHASAN D			
	A20ACD42	TAMIL SELVAN J			

  
 Rev. Dr. A. ALEX, M.Com., M.Ed., M.Phil., NET, SET, Ph.D.,  
 Asst. Professor & Head  
 BBM and BBA (CA)  
 St. Joseph's College of Arts & Science (Autonomous)  
 Cuddalore - 607 001.



10	<b>A20ACD43</b>	<b>THIRUPATHYSAMY R</b>	Mr. R. Ilaiya Raja	A STUDY ON EMPLOYEE WELFARE MEASURES IN SURYA HOME CARE PRODUCTS IN PONDICHERRY	
	A20ACD07	ARUN KAISER WILLIAM A			
	A20ACD29	PRAVEEN RAJA			
	A20ACD41	SURYA R			
11	<b>A20ACD51</b>	<b>GOKUL. S</b>	Dr. M. Monika	THE STUDY ON EMOTIONAL INTELLIGENCE OF STUDENTS UNDER GOING PART TIME EMPLOYMENT IN CUDDALORE	
	A20ACD22	MOHAMED IRFAN P			
	A20ACD39	SUDHARSAN. S			
	A20ACD46	VELMURUGAN S			

  
Rev. Fr. Dr. A. Alex

**HOD – Business Administration (CA)**

Rev. Dr. A. ALEX, M.Com., M.Ed., M.Phil., NET, SET, Ph.D.,  
Asst. Professor & Head  
BBM and BBA (CA)  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

**St. Joseph's College of Arts & Science [Autonomous]**

**Cuddalore-1**

**Department of Business Administration (CA)**


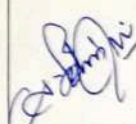
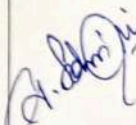
**Batch: 2020 – 2023**


**(Shift II)**






**Academic Year: 2022 – 2023**

**Subject Name: Project Work**


**Subject Code: JBBA65**

S. No	Roll No.	Student's Name	Guide Name	Project Title	Guide Sign.
1	A20ACE02	AFROSE JAMEERA S	Mrs. A. Johnsi Gloria	A STUDY ON MARKETING MANAGEMENT IN CUSTOMER SATISFACTION AT POTHYS, ANNA SALAI, PUDUCHERRY	
	A20ACE23	MITHRA R			
	A20ACE25	NARMATHA S			
	A20ACE41	SUVADHI K			
	A20ACE48	YOGESHWARI A			
2	A20ACE03	AKSHAYA P	Mrs. A. Johnsi Gloria	A STUDY ON EMPLOYEE COMMITMENT WITH REFERENCE TO TPRS ENTERPRISES PVT. LTD, PUDUCHERRY	
	A20ACE14	JEEVITHA S			
	A20ACE22	MEHALAKSHMI M			
	A20ACE24	MOHANAPRIYA U			
	A20ACE43	SWETHA S			
3	A20ACE05	AARTHI S	Mrs. A. Johnsi Gloria	A STUDY ON WORK LIFE BALANCE OF EMPLOYEES WITH REFERENCE TO SUOLIFICIO LINEA ITALIA INDIA PVT.LTD, SEDARAPET	
	A20ACE09	GAYATHRI V			
	A20ACE12	JAYABHARATHI V			
	A20ACE32	RAJATHI G			
	A20ACE49	SNEKHA N			

  
**Rev. Dr. A. ALEX, M.Com., M.Ed., M.Phil., NET, SET, Ph.D.,**  
 Asst. Professor & Head  
 BBA and BBA (CA)  
 St. Joseph's College of Arts & Science (Autonomous)  
 Cuddalore - 607 001.

4	<b>A20ACE06</b>	<b>ASMA PARVEEN . A</b>	Dr. M. Monika	A STUDY ON EMOTIONAL WELLBEING AND WORK-LIFE BALANCE OF WORKERS WITH REFERENCE TO EID SUGAR PARRY IN TAMILNADU	
	A20ACE30	PREETHA S			
	A20ACE38	SRIVARSHINI S			
	A20ACE44	THASLIMA BEGUM M			
	A20ACE46	VASANTHAKUMARI V			
5	<b>A20ACE07</b>	<b>DHANALAKSHMI P</b>	Dr. M. Monika	A STUDY ON EMPLOYEES RETENTION IN SCHAKRALAYA TATA MOTORS PRIVATE LIMITED, SELLANKUPPAM	
	A20ACE16	KEERTHANA V			
	A20ACE20	LAVANYA B S			
	A20ACE27	POOVITHA G			
	A20ACE28	PRABAVATHI M			
6	<b>A20ACE10</b>	<b>INDUJA K</b>	Mrs. A. Johnsi Gloria	A STUDY ON ORGANIZATIONAL CLIMATE OF EMPLOYEES WITH REFERENCE TO SREE PUSHPAM INDUSTRIE, KIRUMAMBAKKAM	
	A20ACE01	ABINAYA V			
	A20ACE19	KRISHNA PRIYA K			
	A20ACE26	NIVETHINI S			
	A20ACE33	RESHMA P			
7	<b>A20ACE13</b>	<b>JEEVITHA P</b>	Dr. M. Monika	A STUDY ON ANALYSIS OF DIGITAL MARKETING IN NEXTGEN SOLUTIONS, CUDDALORE	
	A20ACE15	KALKI S			
	A20ACE34	RIZWANA M			
	A20ACE35	SANGEETHA S			
	A20ACE42	SWATHI T			
8	<b>A20ACE18</b>	<b>KOUSHIKA R V</b>	Mrs. A. Johnsi Gloria	A STUDY ON EMPLOYEE MOTIVATION WITH PREFERENCE TO KAWMAN PHARMA PRIVATE LIMITED, SIPCOT INDUSTRIAL COMPLEX, CUDDALORE	
	A20ACE08	DIVYADHARSHINI M G			
	A20ACE21	LOGESHWARI S			
	A20ACE31	PRIYADHARSHINI T			
	A20ACE40	SURUTHIKA S			

Rev. Dr. A. ALEX, M.Com., M.Ed., M.Phil., NET, SET, Ph.D.,  
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Cuddalore - 607 001.

9	A20ACE39	SURBHI S	Dr. M. Monika	A STUDY ON EMPLOYEE JOB SATISFACTION WITH REFERENCE TO MERCURY SUZUKI (A.P.P) MOTORS, CUDDALORE	
	A20ACE04	ANUPRIYA A			
	A20ACE11	JANANI S			
	A20ACE37	SIVA SANKARI P			
	A20ACE47	VIJAYASRI M			

  
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**A STUDY ON EMPLOYEES SATISFACTION TOWARDS WELFARE FACILITIES  
AT MANATEC ELECTRONIS PRIVATE LIMITED, KARIKALAMPAKKAM.**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK.**

**BY**

**AGILAN U**

**(A21MSW01)**

**Under the Guidance of**

**Mr. J. DURAI RAJ**

**Head, PG Department of Social Work**



**POST - GRADUATE DEPARTMENT OF SOCIAL WORK**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),  
CUDDALORE - 607001**


**APRIL - 20 23**



## CERTIFICATE

This is to certify that the thesis entitled " A STUDY ON EMPLOYEES SATISFACTION TOWARDS WELFARE FACILITIES AT MANATEC ELECTRONICS PRIVATE LIMITED, KARIKALAMPAKKAM," submitted for the Degree of Master of Social Work by AGILAN U (A21MSW01) is the record of research work carried out by her under my guidance and supervision, and that this work has not formed the basis for the award of any degree, diploma, associate ship, fellowship or other titles in this University or any other University or institution of higher learning.

  
Head of the Department  
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Place: Cuddalore

Date: 29-4-23

External Examiners:

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21/4/23

2.   
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**A STUDY ON SUBSTANCE ABUSE AMONG SCHOOL GOING ADOLESCENTS AT  
CUDDALORE DT**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK.**

**BY**

**A. AROCKIA VANATHAIYAN**

**(A21MSW02)**

**Under the Guidance of**

**MR. A. MAHIMAI KUZHANTHAI YESU**

**Assistant Professor, PG Department of Social Work**



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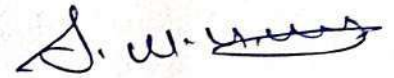
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Date: 29.04.2023


External Examiners:

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(Dr. D. John Paul)  
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(P. JAI PRAKASH)  
29/04/23



**A STUDY ON SOCIO ECONOMIC PROBLEM FACED BY STREET VENDORS IN  
POST OFFICE AT CUDDALORE DISTRICT**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK.**

**BY**

**AROCKIYALIVINGSTON J**

**(A21MSW03)**

**Under the Guidance of**

**Mrs. M. PERKISH SALOMINA**

**Assistant Professor, PG Department of Social Work**



**POST - GRADUATE DEPARTMENT OF SOCIAL WORK**

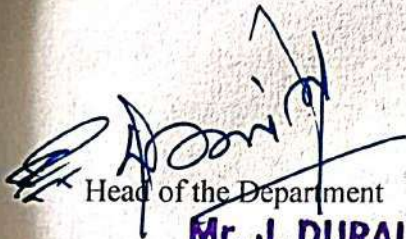
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Head of the Department

**Mr. J. DURAI RAJ**

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2. *Dr. D. John Paul* *29.04.2023* (*Dr. D. John Paul*)



**A STUDY ON SOCIAL MEDIA ADDICTION AMONG GOVERNMENT SCHOOL  
STUDENTS AT ARASADIKUPPAM, PANRUTI BLOCK, CUDDALORE DISTRICT.**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK.**

**BY**

**ARPUTHA INDIRA GANDHI.M**

**(A21MSW04)**

**Under the Guidance of**

**Mr. A. MAGIMAI KUZHANTHAI YESU**

**Assistant Professor, PG Department of Social Work**




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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),  
CUDDALORE - 607001**

**APRIL - 2023**

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Mr. J. DURAI RAJ  
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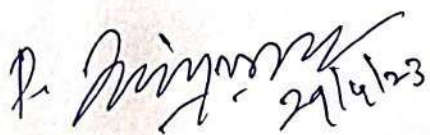
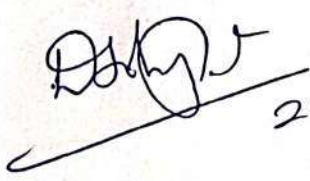
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A. MAGIMAI KUZHANTHAI YESU  
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**A STUDY ON SOCIAL ACCEPTANCE OF MANUVAL SCAVENGERS AT ,  
CUDDALORE CITY MUNICIPALITY CORPORATION**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK.**

**BY**

**ARUN KUMAR . S**

**(A21MSW05)**

**Under the Guidance of**

**Mrs. PERKISH SALOMINA M**

**Assistant Professor, PG Department of Social Work**



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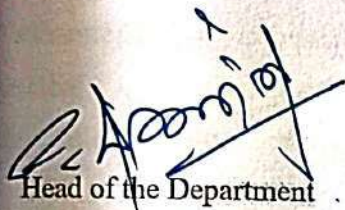
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This is to certify that the thesis entitled " A STUDY ON SOCIAL ACCEPTANCE OF MANUVAL SCAVENGERS AT , CUDDALORE CITY MUNICIPALITY CORPORATION," submitted for the Degree of Master of Social Work by ARUN KUMAR S (A21MSW05) is the record of research work carried out by his under my guidance and supervision, and that this work has not formed the basis for the award of any degree, diploma, associate ship, fellowship or other titles in this University or any other University or institution of higher learning.



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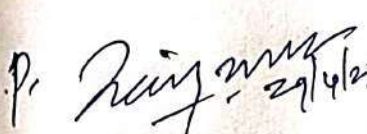
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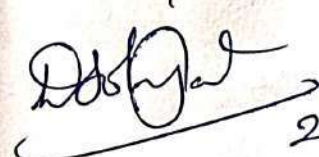
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1.  (P. JAI KRISHNA)  
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29.04.2023

**A STUDY ON EFFECTIVENESS OF TRAINING AND DEVELOPMENT AMONG  
EMPLOYEES AT LOYAL SUPER FABRICS, KUDIKADU, CUDDALORE- DT**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK.**

**BY**

**X. CHRISTY SAMMUAL**

**(A21MSW06)**

**Under the Guidance of**

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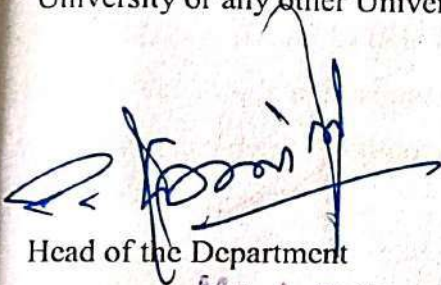
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This is to certify that the thesis entitled " A STUDY ON EFFECTIVENESS OF TRAINING AND DEVELOPMENT AMONG EMPLOYEES AT LOYAL SUPER FABRICS, KUDIKADU, CUDDALORE- DT," submitted for the Degree of Master of Social Work by X. CHRISTY SAMMUAL (A21MSW06) is the record of research work carried out by him under my guidance and supervision, and that this work has not formed the basis for the award of any degree, diploma, associate ship, fellowship or other titles in this University or any other University or institution of higher learning.



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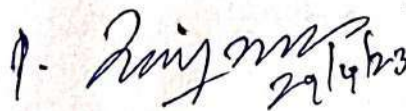
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Date: 29/04/2023

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**A STUDY ON LIFE SKILLS AMONG GOVERNMENT HIGHER SECONDARY  
SCHOOL STUDENT AT C.N. PALAYAM PANJAYATH , CUDDALORE.**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK.**

**BY**

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**(A21MSW07)**

**Under the Guidance of**

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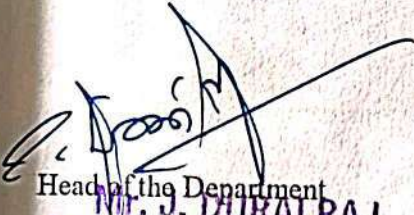
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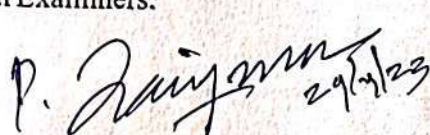
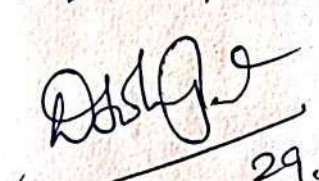
  
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**A STUDY ON STRESS AMONG AMBULANCE DRIVERS AT CUDDALORE**  
**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF**  
**MASTER OF SOCIAL WORK.**

**BY**

**GOKUL RAJ N**

**(A21MSW08)**

**Under the Guidance of**

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**Asst prof, PG Department of Social Work**



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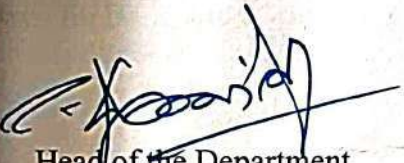
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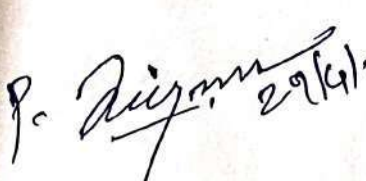
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Date: 29/04/2023

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2.   
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ASSISTANT PROFESSOR



**A STUDY ON MENTAL HEALTH AMONG HIV-INFECTED PEOPLE WITH SPECIAL  
REFERENCE AT HIV CENTRE PUDHUPALAYAM, CUDDALORE  
THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF MASTER OF  
SOCIAL WORK.**

**BY**

**JEEVITHA.G**

**(A21MSW09)**

**Under the Guidance of**

**MR. J. DURAIRAJ**

**Head , PG Department of Social Work**



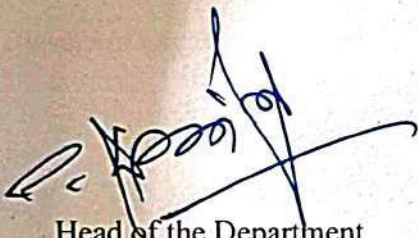
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**APRIL - 2023**

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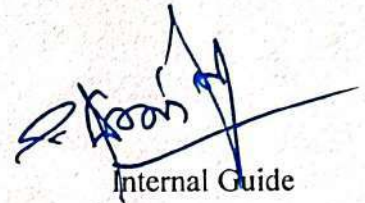
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Place: CUDDALORE

Date: 29.04.2023.




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External Examiners:

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2.  29.04.2023  
(Dr. D. John Paul)



**A STUDY ON EMPOWERMENT OF TRIBAL WOMEN AT IRULAR COLONY,  
CUDDALORE DISTRICT**

**THIS IS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK.**

**BY**

**KIRUBANITHI K**

**(A21MSW10)**

**Under the Guidance of**

**MRS.PERKISH SALOMINA**

**Assistant professor , PG Department of Social Work**



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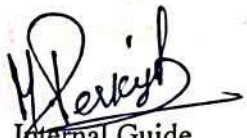
**CUDDALORE - 607001**

**APRIL - 2023**

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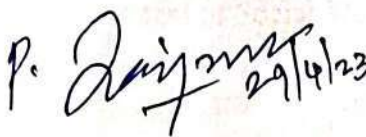

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Head of the Department  
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Asst. Professor.

Date: 29.04.2023

External Examiners:

1.  29/4/23 (P. JAYAPRAKASH)
2.  29.04.2023  
Dr. D. John Paul



**A STUDY ON LIVELIHOOD PROBLEM FACED BY TRANSGENDER AT  
MAJAKUPPAM, CUDDALORE.**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK.**

**BY**

**MARIA ANTHUVANETT A**

**(A21MSW11)**

**Under the Guidance of**

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**Head, Department of Social Work**



**POST – GRADUATE DEPARTMENT OF SOCIAL WORK**

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**APRIL-2023**

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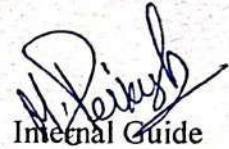
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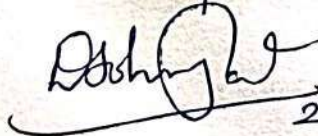
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Place: Cuddalore

Date: 29/04/2023

External Examiners:

1.  29/4/23 (P. JAYAPRAKASH)

2.  (Dr. D. John Paul)  
29.04.2023



**A STUDY ON SOCIO ECONOMIC AND EDUCATION STATUS OF IRULA  
TRIBES AT BHAGAT SINGH NAGAR IN VILLUPURAM DISTRICT**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF MASTER  
OF SOCIAL WORK.**

**BY**

**N.MATHANSRIRAM  
(A21MSW12)**

**Under the Guidance of**

**MR. J. DURAI RAJ**

**Head, PG Department of Social Work,**



**POST - GRADUATE DEPARTMENT OF SOCIAL WORK**

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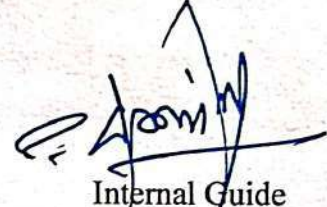
This is to certify that the thesis entitled "A STUDY ON SOCIO ECONOMIC AND EDUCATION STATUS OF IRULA TRIBES AT BHAGAT SINGH NAGAR INVILLUPURAM DISTRICT" submitted for the Degree of Master of Social Work by N.MATHANSRIRAM (A21MSW12) is the record of research work carried out by him under my guidance and supervision, and that this work has not formed the basis for the award of any degree, diploma, associate ship, fellowship or other titles in this University or any other University or institution of higher learning.



Head of the Department

**Mr. J. DURAI RAJ**

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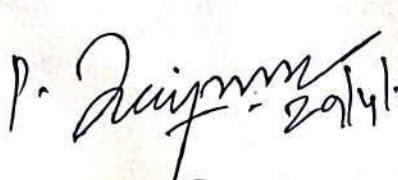

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Date: 29/04/2023

External Examiners:

1.  29/4/23 (P. JAZ KHAN)
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**A STUDY ON IMPACT OF ORGANIZATIONAL CULTURE ON EMPLOYEE  
ENGAGEMENT AT MANATEC ELECTRONICS PVT LTD, KARIKKALAMPAKKAM**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK.**

**BY**

**S.PREMKUMAR**

**(A21MSW13)**

**Under the Guidance of**

**Mrs. S. VANATHI**

**Assistant Professor, PG Department of Social Work**



**POST - GRADUATE DEPARTMENT OF SOCIAL WORK**

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**APRIL - 2023**

## CERTIFICATE

This is to certify that the thesis entitled " A STUDY ON IMPACT OF ORGANIZATIONAL CULTURE ON EMPLOYEE ENGAGEMENT AT MANATEC ELECTRONICS PVT LTD, KARIKKALAMPAKKAM," submitted for the Degree of Master of Social Work by **PREMKUMAR S (A21MSW13)** is the record of research work carried out by him under my guidance and supervision, and that this work has not formed the basis for the award of any degree, diploma, associate ship, fellowship or other titles in this University or any other University or institution of higher learning.

Head of the Department

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**S. VANATHI**

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External Examiners:

1. *P. Rajam* 29/4/23 (Dr. J. J. Prakash).

2. *Dr. D. Janani* 29.04.2023.  
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**A STUDY ON MENSTRUAL HYGIENE AMONG EARLY ADALOSENCE GIRLS ,  
MANTHARAKUPPAM.**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK.**

**BY**

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**(A21MSW14)**

**Under the Guidance of**

**Mrs. M. Perkish Salomina**

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**APRIL - 2023**



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**A STUDY ON PHYSICAL ENVIRONMENT IMPACT TOWARDS EMPLOYEE'S  
PERFORMNCE AT AMCOR FLEXIBLES INDIA PVT LTD, PONDICHERRY**

**A THESIS SUBMITTED IN PARTIAL FULFLMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK**

**By  
STANES ROHITH P  
(A21MSW15)**

**Under the Guidance of**

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**Head, PG Department of Social Work**



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**APRIL - 2023**

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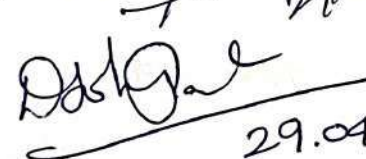
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Place: CUDDALORE

Date: 29/04/2023

Examiners:

1.  (P. JAI PRAKASH)  
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29.04.2023

**A STUDY ON CHALLENGES BASED BY SCHOOL DROPOUTS AT KURINJIPADI  
CUDDALORE DISTRICT.**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK.**

**BY**

**THULASI E**

**(A21MSW16)**

**Under the Guidance of**

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**Assistant Professor, PG Department of Social Work**



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## CERTIFICATE

This is to certify that the thesis entitled " A STUDY ON CHALLENGES BASED BY SCHOOL DROPOUTS AT KURINJIPADI CUDDALORE DISTRICT," submitted for the Degree of Master of Social Work by THULASI E (A21MSW16) is the record of research work carried out by her under my guidance and supervision, and that this work has not formed the basis for the award of any degree, diploma, associate ship, fellowship or other titles in this University or any other University or institution of higher learning.



  
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ASSISTANT PROFESSOR

Place: Cuddalore

Date: 29.04.2023

External Examiners:

1.  29.4.23 (P. JAY PRAKASH)
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**A STUDY ON EFFECT OF INCENTIVES ON EMPLOYEE AT  
LOYAL SUPER FABRICS, KUDIKADU, CUDDALORE.**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK.**

**BY**

**T.VIGNESH**

**(A21MSW17)**

**Under the Guidance on**

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**Assistant Professor, PG Department of Social Work**



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**APRIL - 2023**

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This is to certify that the thesis entitled " A STUDY ON EFFECT OF INCENTIVES ON EMPLOYEE AT LOYAL SUPER FABRICS, KUDIKADU, CUDDALORE," submitted for the Degree of Master of Social Work by VIGNESH T (A21MSW17) is the record of research work carried out by him under my guidance and supervision, and that this work has not formed the basis for the award of any degree, diploma, associate ship, fellowship or other titles in this University or any other University or institution of higher learning.



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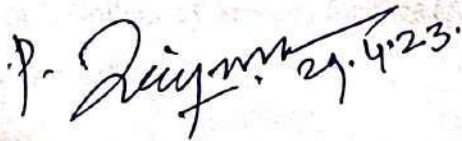
Assistant Professor & Head  
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Place: Cuddalore

Date: 29.04.2023

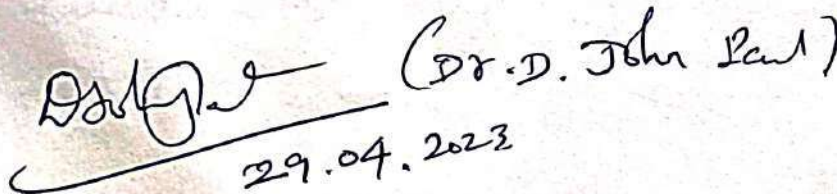
External Examiners:

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Internal Guide

S. VANATHI

ASSISTANT PROFESSOR



**A STUDY ON EMPLOYEE VIEW ON ATTRITION AT LOYAL SUPER  
FABRICS,KUDIKADU, CUDDALORE.**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF MASTER OF  
SOCIAL WORK.**

**BY**

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**(A21MSW18)**

**Under the Guidance on**

**Mrs A. MAHIMAI KUZHANTHAI YESU**

**Assistant Professor, PG Department of Social Work**



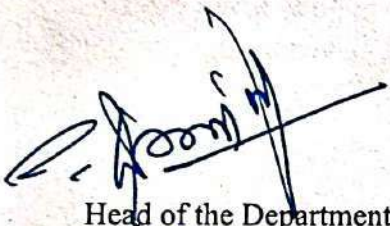
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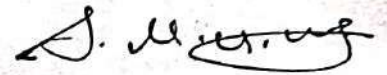
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**A STUDY ON ABSENTEESIM AMONG THE EMPLOYEES AT LOYAL  
SUPER FABRICS, KUDIKADU, CUDDALORE**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK.**

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Head of the Department

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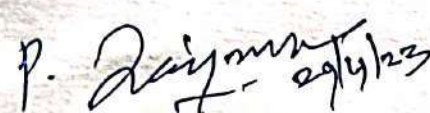

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Head, PG Department.

Place: Cuddalore

Date: 29/4/2023

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1.  29/4/23 (P. JAYARAM)
2.  29.04.2023 (Dr. D. John Paul)



**A STUDY ON NUTRITIONAL STATUS OF PRIMARY SCHOOL CHILDREN AMONG  
IRULAR TRIBES AT CHIDHAMBARAM TALUK, CUDDALORE DT**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK.**

**BY**

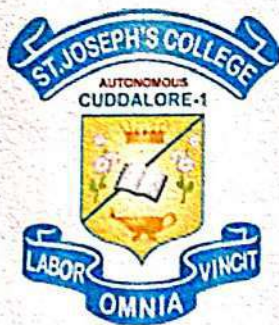
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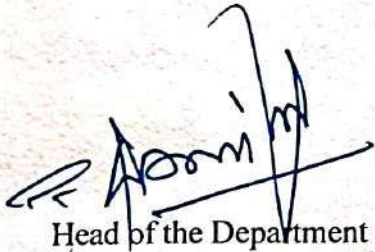
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This is to certify that the thesis entitled " A STUDY ON NUTRITIONAL STATUS OF PRIMARY SCHOOL CHILDREN AMONG IRULAR TRIBES AT CHIDHAMBARAM TALUK, CUDDALORE DISTRICT," submitted for the Degree of Master of Social Work by SEVVANTHI T (A21MSW20) is the record of research work carried out by her under my guidance and supervision, and that this work has not formed the basis for the award of any degree, diploma, associate ship, fellowship or other titles in this University or any other University or institution of higher learning.



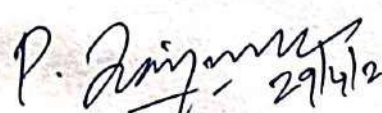

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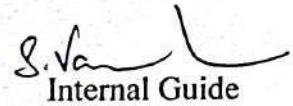
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Internal Guide

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**A STUDY ON QUALITY OF WORK LIFE AMOUNG EMPLOYEES AT  
MANATEC ELECTRONICS PRIVATE LIMITED, KARIKALAMPAKKAM,  
PONDICHERRY**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK.**

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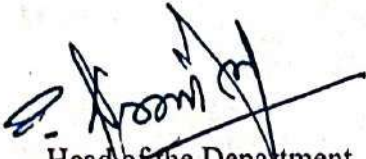
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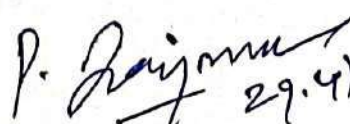
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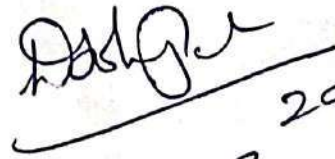
  
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Internal Guide  
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**A study on work life balance among Power Mech Projects Limited employees at New Thermal  
Power Station, Neyveli**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF MASTER OF  
SOCIAL WORK.**

**BY  
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(A21MSW22)**

**Under the Guidance of  
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Head, Department of Social Work**



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**APRIL-2023**

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**Mr. J. DURAI RAJ**

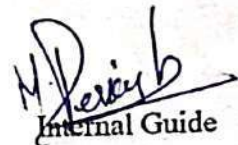
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Place: Cuddalore

Date: 29/04/2023

External Examiners:

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29/4/23
2.  29.04.2023  
(Dr. P. John Paul)



Internal Guide

**M. PERKISH SALOMINA**  
ASSISTANT PROFESSOR



**A STUDY ON ECONOMIC STATUS OF FISHERMEN COMMUNITY AT  
NAMBIKKAI NALLUR IN VILLUPURAM DISTRICT**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK.**

**BY**

**YOGARAJAN V**

**(A21MSW23)**

**Under the Guidance of**

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**Head, Department of Social Work**




**POST – GRADUATE DEPARTMENT OF SOCIAL WORK**

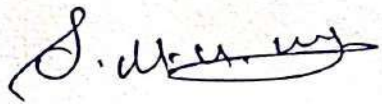
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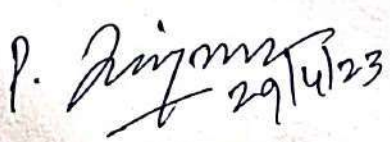

  
Mr. J. DURAI RAJ  
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ASSISTANT PROFESSOR

Place: Cuddalore

Date: 29.4.2023

External Examiners:

1.  29/4/23 (P. JAGAN PRAKASH)
2.  29.04.2023 (Dr. D. John Paul)



**A STUDY ON EMPLOYEE JOB SATISFACTION AT RANE (MADRAS)  
LIMITED, THIRUBHUVANAI, PUDUCHERRY.**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK.**

**BY**

**M.ASHA**

**(A21MSW24)**

**Under the Guidance of**

**MR.A.MAHIMAI KUZHANTHAI YESU**

**Assistant Professor, PG Department of Social Work**



**POST - GRADUATE DEPARTMENT OF SOCIAL WORK**

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**APRIL - 2023**

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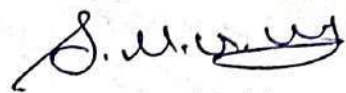


Head of the Department

**Mr. J. DURAI RAJ**

Assistant Professor & Head  
Department of Social Work,  
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(Autonomous), Cuddalore - 607 001.

Place: Cuddalore.





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A. MAHIMAI KUZHIANTHAI YESU  
ASSISTANT PROFESSOR

Date: 29.04.2023.

External Examiners:

1.  29/4/23, (P. JAI PRAKASH)
2.  29.04.2023  
(Dr. D. John Paul)



**A STUDY ON SOCIO-ECONOMIC STATUS AMONG AGRICULTURE WOMEN AT  
ARANTHANGI, KATTUMANNARKOVIL TALUK, CUDDALORE DISTRICT**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK.**

**By  
JENITHROBIN B  
(A21MSW25)**

**Under the Guidance of**

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**Assistant Professor, PG Department of Social Work**



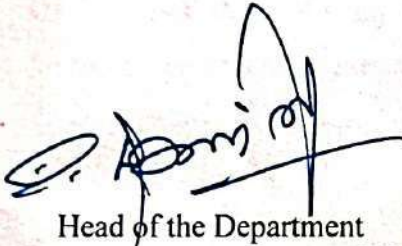
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(AUTONOMOUS), CUDDALORE - 607001**

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This is to certify that the thesis entitled " A STUDY ON SOCIO-ECONOMIC STATUS AMONG AGRICULTURE WOMEN AT ARANTHIANGI, KATTUMANNARKOVIL TALUK, CUDDALORE DISTRICT" submitted for the Degree of Master of Social Work by JENITHROBIN B (A21MSW25) is the record of research work carried out by him under my guidance and supervision, and that this work has not formed the basis for the award of any degree, diploma, associate ship, fellowship or other titles in this University or any other University or institution of higher learning.

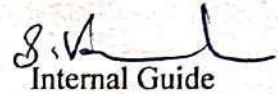


Head of the Department

**Mr. J. DURAI RAJ**

**Assistant Professor & Head  
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(Autonomous), Cuddalore - 607 001**

Place: *Cuddalore*



Internal Guide

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**ASSISTANT PROFESSOR**

Date: *29/04/23*

External Examiners:

1. *P. Jeyaraj*, *29/4/23* (*P. JAY PRAKASH*)

2. *Dr. D. John Paul*, *29.04 - 2023*  
(*DR. D. John Paul*)



**A STUDY ON QUALITY OF LIFE AMONG FUNERAL WORKERS AT,  
PANRUTI, CUDDALORE DISTRICT.**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF MASTER  
OF  
SOCIAL WORK.**

**BY  
CHANDRU S  
(A2MSW26)**

**Under the Guidance of  
Mrs. S. Vanathi  
Assistant Professor, Department of Social Work**



**POST-GRADUATE DEPARTMENT OF SOCIAL WORK  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE-607001**

**APRIL-2023**

## CERTIFICATE

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Head of the Department

**Mr. J. DURAI RAJ**  
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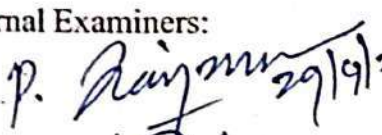

  
Internal Guide

**S. VANATHI**  
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Date: 28.3.2023

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1.  29/9/23 (P. JAI PRAKASH)
2.  29.04.2023.  
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**A STUDY ON PROBLEM FACED BY THE PARENTS OF MENTALLY RETARTED  
CHILDREN AT , CUDDALORE DT**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK.**

**BY**

**SATHIYAPRIYA N**

**(A21MSW27)**

**Under the Guidance of Mrs. M. PERKISH SALOMINA**

**Assistant Professor, PG Department of Social Work**



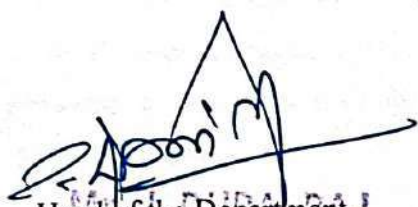
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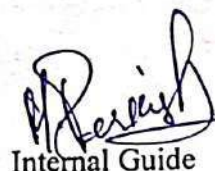
**APRIL - 2023**

## CERTIFICATE

This is to certify that the thesis entitled " A STUDY ON PROBLEM FACED BY THE PARENTS OF MENTALLY RETARTED CHILDREN AT GLOBAL TRUST AT CUDDALORE submitted for the Degree of Master of Social Work by SATHIYAPRIYA N (A21MSW27) is the record of research work carried out by her under my guidance and supervision, and that this work has not formed the basis for the award of any degree, diploma, associate ship, fellowship or other titles in this University or any other University or institution of higher learning.



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1. P. Jeyaraj 29/4/23. (P. JAI PRAKASH)
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**A STUDY ON STRESS AMONG SPECIAL EDUCATION TEACHER WITH SPECIAL  
REFERENCE IN SATYA SPECIAL SCHOOL AT KARUVADKUPPAM  
PONDICHERRY**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK.**

**BY**

**GAYATHRI M**

**(A21MSW28)**

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**APRIL - 2023**



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Head of the Department

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Internal Guide



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Date: 29.4.23

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1.  29.4.23 (P. RAJAM)
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**A STUDY ON EMPLOYEE RETENTION AMONG NEEM (NATIONAL  
EMPLOYABILITY ENHANCEMENT MACHINE) EMPLOYEES AT RANE  
(MADRAS) LIMITED, THIRUBHUVANAI, PONDICHERRY**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK.**

**BY  
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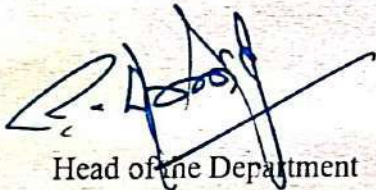


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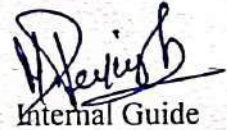
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**A STUDY ON MENTAL HEALTH STATUS AMONG WOMEN WITH ALCOHOLIC  
SPOUSE AT KOTTERI VILLAGE, VIRUDHACHALAM**

**THIS IS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK.**

**BY**

**HELEN BABITHA Y**

**(A21MSW30)**

**Under the Guidance of**

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**APRIL - 2023**

## CERTIFICATE

This is to certify that the thesis entitled "A STUDY ON MENTAL HEALTH STATUS AMONG WOMEN WITH ALCOHOLIC SPOUSE AT KOTTERI VILLAGE, VIRUDHACHALAM" submitted for the Degree of Master of Social Work by HELEN BABITHA Y (A21MSW30) is the record of research work carried out by her under my guidance and supervision, and that this work has not formed the basis for the award of any degree, diploma, associate ship, fellowship or other titles in this University or any other University or institution of higher learning.



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Place: Cuddalore

Date: 29/04/2023




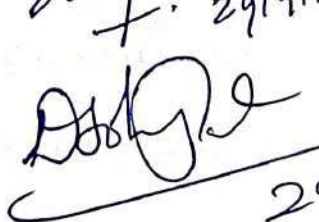
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**A STUDY ON PSYCHOSOCIAL PROBLEM FACED BY BREAST CANCER PATIENT  
AT CANCER TRUST HOSPITAL, PUDUCHERRY**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK.**

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**(A21MSW31)**

**Under the Guidance of**

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**POST - GRADUATE DEPARTMENT OF SOCIAL WORK**

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Internal Guide

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**A STUDY ON PROBLEMS AND CHALLENGES FACED BY WOMEN  
ENTREPRENEURS AT CUDDALORE**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK.**

**BY**

**S.VIMAL**

**(A21MSW32)**

**Under the Guidance of**

**Mr. A. MAHIMAI KUZHANTHAI YESU**

**Assistant Professor, PG Department of Social Work**



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(Dr. D. John Paul).



**A STUDY ON QUALITY OF LIFE AMONG THE TRUCK DRIVERS IN VILLUPURAM**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK.**

**BY**

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**Head, PG Department of Social Work**



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CUDDALORE - 607001**

**APRIL - 2023**

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Internal Guide

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**A STUDY ON PERFORMANCE APPRAISAL SATISFACTION  
AMONG THE EMPLOYEE AT MANATEC, KARIKALMAPAKKAM,  
PUDUCHERRY  
THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK.**

**BY  
V.SANTHOSKUMAR  
(A21MSW34)**

**Under the Guidance of**

**Mrs. S. VANATHI**

**Assistant Professor, PG Department of Social Work**



**POST - GRADUATE DEPARTMENT OF SOCIAL WORK**

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**APRIL - 2023**



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**Mr. J. DURAI RAJ**

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Place: CUDDALORE




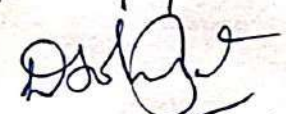
Internal Guide

**Mrs. S. VANATHI**

Asst. Professor

Date: 29.04.2023

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2.  29.04.2023 (Dr. D. John Paul)



**A STUDY ON MEANTAL HEALTH AMONG OLD AGE PEOPLE AT MADHAR  
NALA THONDU NIRUVANAM, CUDDALORE**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK.**

**BY**

**BENITA A**

**(A21MSW36)**

**Under the Guidance of**

**Mrs. S. VANATHI**

**Assistant Professor, PG Department of Social Work**



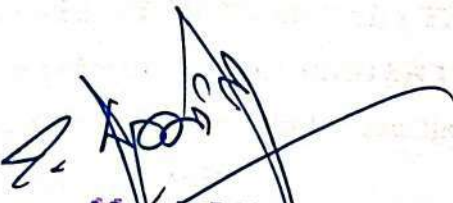
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Head of the Department  
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Place: cuddalore

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2.  29.04.2023 (Dr. D. John Paul)



**A STUDY ON QUALITY OF LIFE AMONG MIGRANT  
CONSTRUCTION WORKERS AT PUDUCHERRY**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF MASTER  
OF  
SOCIAL WORK.**

**BY  
MARIA FRANCIS A  
(A20MSW37)**

**Under the Guidance of**

**Mr. J. DURAIRAJ  
Head PG, Department of Social Work**



**POST- GRADUATE DEPARTMENT OF SOCIAL WORK  
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Head of the Department

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Assistant Professor & Head  
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Principal



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**Mr. J. DURAI RAJ**

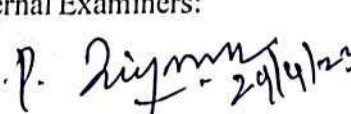
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Place:

Date:

External Examiners:

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2. 

29/4/2023

(Dr. D. John Paul)



**A STUDY ON JOB MOTIVATION AMONG EMPLOYEES AT CRIMSUN  
ORGANIC PRIVATE LIMITED AT KUDIKADU.**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK.**

**BY**

**JEEVARASAN J**

**(A21MSW38)**

**Under the Guidance of**

**Mrs. S. VANATHI**

**Asst prof, PG Department of Social Work**



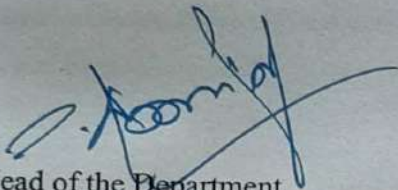
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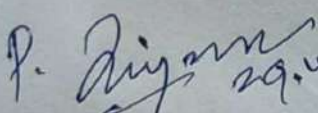
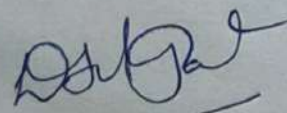
This is to certify that the thesis entitled " A STUDY ON JOB MOTIVATION AMONG EMPLOYEES AT CRIMSUN ORGANIC PRIVATE LIMITED AT KUDIKADU," submitted for the Degree of Master of Social Work by JEEVARASAN J (A21MSW38) is the record of research work carried out by her under my guidance and supervision, and that this work has not formed the basis for the award of any degree, diploma, associate ship, fellowship or other titles in this University or any other University or institution of higher learning.

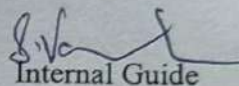
  
Head of the Department  
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2.   
*29.04.2023*  
(*Pr. P. John Paul*)

  
Internal Guide  
**S. VANATHI**  
ASSISTANT PROFESSOR



**A STUDY ON CHALLENGES OF GYPSY (NARIKURAVAR) CHILDREN AT  
KURAVAR COLONY, VADALUR IN ACCESSING EDUCATION**

**THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE DEGREE OF  
MASTER OF SOCIAL WORK.**

**BY**

**K. MONIKADEVI**

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**Under the Guidance of**

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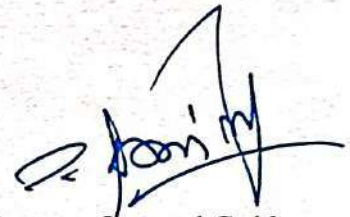


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Internal Guide

**Mr. J. DURAI RAJ**


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Place: CUDDALORE

Date: 29.04.2023.

External Examiners:

1.  (P. RAJPRAKASH)

2.  29.04.2023  
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THE THEMES OF SIN, GUILT, AND BETRAYAL  
NATHANIEL HAWTHORNE'S *THE SCARLET LETTER* AND  
GRAHAM GREENE'S *THE POWER AND THE GLORY* UNDER  
THE LIGHT OF TRANSCENDENTALISM



A PROJECT SUBMITTED TO  
PG & RESEARCH DEPARTMENT OF ENGLISH  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE - I  
IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE  
AWARD OF THE DEGREE OF BACHELOR OF ARTS IN ENGLISH

By  
F.ABIYOUTH  
(A20END01)  
Under the guidance of  
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Assistant Professor  
PG & Research Department of English

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## CERTIFICATE

This is to certify that the Project titled **THE THEMES OF SIN, GUILT AND BETRAYAL IN NATHANIEL HAWTHORNE'S THE SCARLET LETTER AND GRAHAM GREENE'S THE POWER AND THE GLORY** is a bonafide record of work done by **F. ABIYOUTH (A20END01)** in partial fulfillment for the award of the Degree of **BACHELOR OF ARTS IN ENGLISH** submitted to **PG & RESEARCH DEPARTMENT OF ENGLISH, ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore. The matter embodied in this project is original and has not submitted for the award of any Degree.

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Place: Cuddalore

Date:

Examiners:

1.

2.

***SHOCKED AND ETHICAL CONFUSION IN THE GOD OF SMALL THINGS OF  
ARUNDHATI ROY***

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

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**(A20END02)**

**Under the guidance of**

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CERTIFICATE

This is certify that the project entitled **SHOCKED AND ETHICAL CONFUSION IN THE GOD OF SMALL THINGS OF ARUNDHATI ROY** is a bonafide record of work done by **V. AGNIVEL (A20END02)** as part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.

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**A COMPARATIVE STUDY OF HUMAN DESIRE IN *Dr.*  
*FAUSTUS* BY CHRISTOPHER MARLOWE AND *THE*  
*INVISIBLE MAN* BY H.G. WELLS**

**A PROJECT SUBMITTED TO  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILMET OF THE REQUIREMENT  
FOR THE AWARD OF THE DEGREE OF  
BACHELOR OF ARTS IN ENGLISH**

Submitted by

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**April-2023**

MAY 2023

## CERTIFICATE

This is certify that the project entitled **A COMPARATIVE STUDY OF HUMAN DESIRE IN *Dr. FAUSTUS* BY CHRISTOPHER MARLOWE AND *THE INVISIBLE MAN* BY H.G. WELLS** is a bonafide record of work done by **E.DAVID RAJA (A02END04)** as part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.

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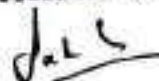
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Place: Cuddalore

Date:

Examiners

**LOVE AND ROMANCE IN STEPHENIE MEYER'S *STWILIGHT***  
A PROJECT SUBMITTED TO  
**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
IN PARTIAL FULFILMET OF THE REQUIREMENT  
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**Principal**

Place: Cuddalore

Date:

Examiners:



**THE STRUGGLES OF MIGRATION IN  
ANITA DESAI'S *THE VILLAGE BY THE SEA***



**A PROJECT SUBMITTED TO  
PG & RESEARCH DEPARTMENT OF ENGLISH  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE - I  
IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE  
AWARD OF THE DEGREE OF BACHELOR OF ARTS IN ENGLISH**

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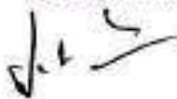
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CUDDALORE - I**

**APRIL - 2023**

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This is to certify that the project titled **THE STRUGGLES OF MIGRATION IN ANITA DESAI'S *THE VILLAGE BY THE SEA*** is a bonafide record of work done by **H. GNANA ABISHEK (A20END06)** in partial fulfillment for the award of the Degree of **BACHELOR OF ARTS IN ENGLISH** submitted to **PG & RESEARCH DEPARTMENT OF ENGLISH, ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore. The matter embodied in this project is original and has not been submitted for the award of any Degree.

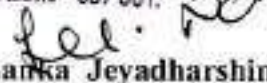
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Examiners:

1.

2.

LOUISA MAY ALCOTT AS A FEMINIST: A STUDY OF HER  
SELECT NOVELS



A PROJECT SUBMITTED TO  
PG & RESEARCH DEPARTMENT OF ENGLISH  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),  
CUDDALORE

IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

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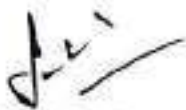
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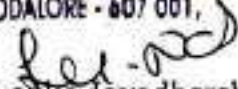
This is to certify that the dissertation entitled **LOUISA MAY ALCOTT AS A FEMINIST: A STUDY OF HER SELECT NOVELS** is a bonafide record of work done by **S. GANAPATHI, (A20END07)** in partial fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** submitted to **PG & RESEARCH DEPARTMENT OF ENGLISH, ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE - 01** affiliated to **Thiruvalluvar University, Vellore** carried out by him under my supervision. The matter embodied in this project is original and has not submitted for the award of any degree.

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**AFTERMATH AND TRAUMATIC EFFECT IN THE NOVEL *CATCH-22* BY  
JOSEPH HELLER**

**A PROJECT SUBMITTED TO  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILMET OF THE REQUIREMENT  
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**(A20END08)**

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**MAY 2023**  
**CERTIFICATE**

This is certify that the project entitled **AFTERMATH AND TRAUMATIC EFFECT IN THE NOVEL CATCH-22 BY JOSEPH HELLER** is a bonafide record of work done by **E.JEEVAN RAJ (A20END08)** as part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.

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**Principal**

Place: Cuddalore

Date:

Examiners:

# **A STUDY OF THE TAMBURLAINE THE GREAT PART-I**

**CHRISTOPHER MARLOWE**



**A PROJECT SUBMITTED TO  
PG & RESEARCH DEPARTMENT OF ENGLISH  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),  
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**IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF**

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**Submitted by**

**A.JOEL  
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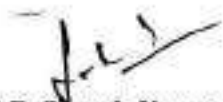
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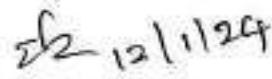
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***A COMPARATIVE AND PSYCHOLOGICAL STUDY ON THE  
THEMES OF RETALIATION AND REMORSE IN THE SELECTED  
SHORT STORIES OF EDGAR ALLAN POE WITH MARY  
SHELLEY'S FRANKENSTEIN.***

A PROJECT SUBMITTED TO  
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IN PARTIAL FULFILMENT OF THE REQUIREMENT  
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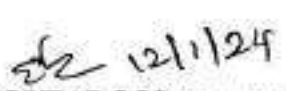



**PG AND RESEARCH DEPARTMENT OF ENGLISH**  
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**CUDDALORE-607001**

**MAY 2023**

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**FROM MYTH TO MEANINGS IN THE SELECT NOVELS OF  
SHASHI THAROOR: A STUDY  
A PROJECT SUBMITTED TO  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILMENT OF THE REQUIREMENT  
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Submitted by

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Examiners:



**A CRITICAL STUDY ON THE CHARACTERS AND A COMPARATIVE STUDY OF  
STEPHEN KING'S THE SHAWSHANK REDEMPTION AND ITS MOVIE ADAPTION**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

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**CUDDALORE-607001**

MAY 2023

CERTIFICATE

This is certify that the project entitled **A CRITICAL STUDY ON THE CHARACTERS AND A COMPARATIVE STUDY OF STEPHEN KING'S THE SHAWSHANK REDEMPTION AND ITS MOVIE ADAPTION** is a bonafide record of work done by **K.PRANAV AKASH (A20END12)** is part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** Submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this Project is original

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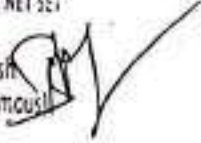
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**Mr. B. Prabakaran, M.A., B.Ed., M.Phil., NET, SET**

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St. Joseph's College of Arts and Science

(Autonomous)

(Autonomous)

Cuddalore- 1

Cuddalore- 1

Principal

Place: Cuddalore

Date:

Examiners:

1.

2.

**TYRANNY AND REVOLUTION IN A TALE OF TWO CITIES**

**A PROJECT SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

Submitted by

**K.RAJAN BABU**

**(A20END13)**

Under the guidance of

**Mr.E.AROKIADOSS, M.A., B.ED., M.Phil.,**

**Asst. Prof., Department of English**



**PG AND RESEARCH DEPARTMENT OF ENGLISH**

**ST. JOSEPH'S COLLEGE OF ARTS AND (AUTONOMOUS)**

**(AFFILATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**

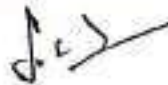
**CUDDALORE-607001**

**MAY 2023**

## CERTIFICATE

This is certify that the project entitled **TYRANNY AND REVOLUTION IN A TALE OF TWO CITIES** is a bonafide record of work done by **K.RAJAN BABU (A20END13)** is part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, Submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this project is original and has not been for the award of any degree or similar titles.

V.R. Suresh Kumar, M.A., M.Phil., B.Ed.  
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8/2 12/1/24  
Mr. E. AROKIADOSS, M.A., B.ED., M.Phil.,

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Cuddalore- 1

Principal

Place: Cuddalore

Date:

Examiners:



**VISION AND TECHNIQUE: A STUDY OF KURT VONNEGUT**

**SELECT NOVELS**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

Submitted by

**K.SABARIVASAN**

**(A20END14)**

Under the guidance of

**Mr. E. AROKIA DOSS, M.A., B.Ed., M.Phil.,**



Asst. Prof., Department of English

**PG AND RESEARCH DEPARTMENT OF ENGLISH**

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**(AFFILATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**

**CUDDALORE-607001**

MAY 2023

CERTIFICATE

This is certify that the project entitled **VISION AND TECHNIQUE: A STUDY OF KURT VONNEGUT SELECT NOVELS** is a bonafide record of work done by **K.SABARIVASAN (A20END14)** as part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.

**V.R. Suresh Kumar, M.A., M.Phil., B.Ed.**  
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**Mr. E. AROKIA DOSS, M.A., B.Ed., M.Phil.,**

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**Mr. V. R. Suresh Kumar M.A., M.Phil.,**

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Cuddalore- 1

**Principal**

Place: Cuddalore

Date:

Examiners:

**REPRESENTATION OF SOCIAL CONFLICT IN ANITA NAIR'S LADIES  
COUPE**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

**A. SHANDEEP**

**(A20END15)**

**Under the guidance of**

**Mr. E. Arokiadoss, M.A., B.Ed., M.Phil.,**

**Asst. Prof., Department of English**



**PG AND RESEARCH DEPARTMENT OF ENGLISH**

**ST.JOSEPH'S COLLEGE OF ARTS AND (AUTONOMOUS)**

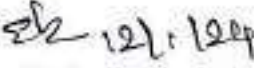
**(AFFILATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**

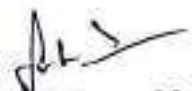
**CUDDALORE-607001**

**MAY 2023**

### CERTIFICATE

This is certify that the project entitled **REPRESENTATION OF SOCIAL CONFLICT IN ANITA NAIR'S LADIES COUPE** is a bonafide record of work done by **A.SHANDEEP (A20END15)** as part of fulfilment for the award of the 'degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to **Thiruvalluvar University, Vellore** carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.

  
Mr. E. Arokiadoss, M.A., B.Ed., M.Phil.,  
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Mr. V. R. Suresh Kumar M.A., M.Phil.,  
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V.R. Suresh Kumar, M.A., M.Phil., B.Ed.  
Assistant Professor & HEAD,  
PG & Research Dept. of English,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607 001.

Principal

Place: Cuddalore

Date:

Examiners:



**"A PSYCHOLOGICAL STUDY OF VIRGINA WOOLF'S NOVEL  
TO THE LIGHTHOUSE"**

**A PROJECT SUBMITTED TO  
PG & RESEARCH DEPARTMENT OF ENGLISH  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS) CUD  
DALORE**

**IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR  
THE AWARD OF THE DEGREE OF  
BACHELOR OF ARTS IN ENGLISH**

**Submitted By**

**V. SHARMA**

**(A20END16)**

**Under the guidance of**

**Mr. A. Pradhap, M.A., M.Phil., B.Ed.,**

**Asst. Prof., Department of English**



**PG AND RESEARCH DEPARTMENT OF ENGLISH  
ST. JOSEPH'S COLLEGE OF ARTS AND (AUTONOMOUS)  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**

**CUDDALORE-607001**

**MAY 2023**

**CERTIFICATE**

This is to certify that the Project title "A PSYCHOLOGICAL STUDY OF VIRGINA WOOLF'S NOVEL TO THE LIGHTHOUSE " is a bonafide record of work done by V.SHARMA (A20END16) in partial fulfillment for the award of the degree of BACHELOR OF ARTS IN ENGLISH submitted to PG & RESEARCH DEPARTMENT OF ENGLISH, ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-01 affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not submitted for the award of any degree.

**Mr. A. Pradhap**, M.A., B.Ed., M.Phil., (Ph.D.)  
Assistant Professor,  
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**Mr. A. Pradhap**, M.A., M.Phil., B.Ed.,  
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**Mr. V. R. Suresh Kumar** M.A., M.Phil.,  
Head & Assistant Professor,  
Department of English,  
St. Joseph's College of Arts and Science  
(Autonomous)  
Cuddalore- 1

**Principal**

Place: Cuddalore

Date:

Examiners:

**POTRAYAL OF FREEDOM IN THE SELECT NOVELS OF MULK RAJ ANAND**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

**B. SIVAPRADEEP**

**(A20END17)**

**Under the guidance of**

**MR. A.PRADHAP, M.A., M.Phil., B.Ed.,**

**Asst. Prof., Department of English**



**PG AND RESEARCH DEPARTMENT OF ENGLISH**

**ST.JOSEPH'S COLLEGE OF ARTS AND (AUTONOMOUS)**

**(AFFILATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**

**CUDDALORE-607001**

**MAY 2023**

**CERTIFICATE**

This is certify that the project entitled **THE THEORETICAL ANALYSIS OF THE INDIAN THEATRE BY MULK RAJ ANAND** is a bonafide record of work done by **B.SIVAPRADEEP (A20END17)** as part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.

**Mr.A.Pradhap, M.A., M.Ed., M.Phil., (Ph.D.)**  
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**V.R. Suresh Kumar, M.A., M.Phil., B.Ed.**  
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**Mr. V. R. Suresh Kumar M.A., M.Phil.,**  
Head & Assistant Professor,  
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Cuddalore- 1

**Principal**

Place: Cuddalore

Date:

Examiners:



**DISCRIMINATION AND IMPARTIALITY IN THE NOVEL  
"UNTOUCHABLE" BY MULK RAJ ANAND**  
**A PROJECT SUBMITTED TO**  
**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**IN PARTIAL FULFILMET OF THE REQUIREMENT**  
**FOR THE AWARD OF THE DEGREE OF**  
**BACHELOR OF ARTS IN ENGLISH**

Submitted by

**S.SUNDAREESHWAR**

**(A20END18)**

Under the guidance of

**Mr. A. Pradhap, M.A., M.Phil., B.Ed.,**

**Asst. Prof., Department of English**



**PG AND RESEARCH DEPARTMENT OF ENGLISH**  
**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**  
**CUDDALORE-607001**

**MAY 2023**

### CERTIFICATE

This is certify that the project entitled **DISCRIMINATION AND IMPARTIALITY IN THE NOVEL "UNTOUCHABLE" BY MULK RAJ ANAND** is a bonafide record of work done by **S.SUNDAREESHWAR (A20END18)** as part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.



**Mr. A. Pradhap, M.A., MPhil., B.Ed.,**

Assistant Professor,

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**Mr.A.Pradhap, M.A., B.Ed., M.Phil. (Ph.D)**

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**Mr. V. R. Suresh Kumar M.A., M.Phil.,**

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**St. Joseph's College of Arts & Science (Autonomous),**  
**Cuddalore- 1 Cuddalore - 607 001**

**Principal**

Place: Cuddalore

Date:

Examiners:

**A CRITICAL INTERPRETATION OF SOCIAL CLASS AND LOVE IN  
CHARLOTTE BRONTE'S Jane Eyre  
A PROJECT SUBMITTED TO  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILMET OF THE REQUIREMENT  
FOR THE AWARD OF THE DEGREE OF  
BACHELOR OF ARTS IN ENGLISH**

Submitted by

**V.YASHVANTHKUMAR**

**(A20END20)**

Under the guidance of

**Mr. A. Pradhap , M.A., M.Phil., B.Ed.,**

**Asst. Prof., Department of English**




**PG AND RESEARCH DEPARTMENT OF ENGLISH  
ST.JOSEPH'S COLLEGE OF ARTS AND (AUTONOMOUS)  
(AFFILATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)  
CUDDALORE-607001**

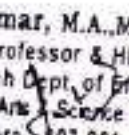
**MAY 2023**

## CERTIFICATE

This is certify that the project entitled **PORTRAYAL OF FREEDOM IN THE SELECT NOVELS OF MARK TWAIN** is a bonafide record of work done by **V. YASHVANTHKUMAR (A20END20)** as part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.

  
**Mr. A. Pradhap**, M.A., B.Ed., M.Phil., (Ph.D)  
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**Mr. V. R. Suresh Kumar** M.A., M.Phil.,  
Head & Assistant Professor,  
Department of English,  
St. Joseph's College of Arts and Science  
(Autonomous)  
Cuddalore- 1

**Principal**

Place: Cuddalore

Date:

Examiners:



**EXPLOITATION AND CULTURAL IDENTITY IN THE NOVEL FASTING FEASTING**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

**K.ARAVINDHA SAMY**

**(A20END21)**

**Under the guidance of**

**Mr. A. Pradhap, M.A., M.Phil., B.Ed.,**

**Asst. Prof., Department of English**



**PG AND RESEARCH DEPARTMENT OF ENGLISH**

**ST.JOSEPH'S COLLEGE OF ARTS AND (AUTONOMOUS)**

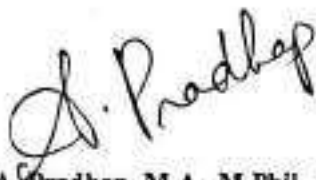
**(AFFILATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**

**CUDDALORE-607001**

MAY 2023

CERTIFICATE

This is certify that the project entitled **EXPLOITATION AND CULTURAL IDENTITY IN THE NOVEL FASTING FEASTING** is a bonafide record of work done by **K.ARAVINDHA SAMY (A20END21)** as part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.



Mr. A. Pradhap, M.A., M.Phil., B.Ed.,

Assistant Professor,

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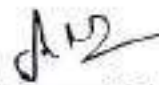
**Mr.A.Pradhap, M.A., B.Ed., M.Phil., (Ph.D)**

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**V.R. Suresh Kumar, M.A., M.Phil., B.Ed.**  
Assistant Professor & HEAD,  
PG & Research Dept. of English,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607 001

Principal

Place: Cuddalore

Date:

Examiners:

**STUDY OF COLONIALISM AND GLOBALIZATION OF  
THE INHERITANCE OF LOSS BY KIRAN DESAI  
A PROJECT SUBMITTED TO  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILMENT OF THE REQUIREMENT  
FOR THE AWARD OF THE DEGREE OF  
BACHELOR OF ARTS IN ENGLISH**

Submitted by

**M.DURAI MURUGAN**

**(A20END22)**

Under the guidance of

**Mr.A.PRADHAP M.A., M.Phil., B.Ed.,**



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**CUDDALORE-607001**

**MAY 2023**


## CERTIFICATE

This is certify that the project entitled **STUDY OF COLONIALISM AND GLOBALIZATION OF THE INHERITANCE OF LOSS** is a bonafide record of work done by **M.DURAI MURUGAN (A20END22)** as part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.

  
**Mr.A.Pradhap**, M.A., B.Ed., M.Phil., (Ph.D)  
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**Mr. A. PRADHAP M.A., M.Phil., B.Ed.**

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Department of English,  
St. Joseph's College of Arts and Science  
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Cuddalore- 1

**Principal**

Place: Cuddalore

Date:

Examiners:



***"STUDY OF LIFE IS DARK, CRIMINAL WORLD of THE BIG SLEEP***

***By Raymond Chandler***

A PROJECT SUBMITTED TO

**ST JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

IN PARTIAL FULFILMENT OF THE REQUIREMENT

FOR THE AWARD OF THE DEGREE OF

**BACHALORRE OF ARTS IN ENGLISH**

Submitted by

**PRITHIVLY**

**(A20END26)**



Under the guidance of

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**(AFFILATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**

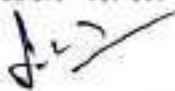
**CUDDALORE-607001**

**MAY 2023**

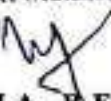
## CERTIFICATE

This is to certify that the project title "STUDY OF LIFE IS DARK, CRIMINAL WORLD OF THE BIG SLEEP BY Raymond Chandler" Is a bonafide record of work done by PRITHIVLY (A20END26) in partial fulfillment for the award of the degree of BACHAAALORE OF ARTS IN ENGLISH submitted to PG & RESEARCH DEPARTMENT OF ENGLISH, ST JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01 affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not submitted for the award for any degree.

V.R. Suresh Kumar, M.A., M.Phil., B.Ed.  
Assistant Professor & HEAD,  
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MR. V.R.SURESH KUMAR M.A., M.Phil. Mr. A. Napoleon Joseph M.A., B.Ed., M.Phil.

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(Autonomous), Cuddalore-1

Assistant professor,

Department of English,

St Joseph's college of Arts & Science,

(Autonomous), Cuddalore-1

Principal

Place: Cuddalore

Date:

Examiners:

1.

2.

**SOCIAL PROBLEM AND MORAL VALUES IN JANE AUSTEN'S PRIDE AND  
PREJUDICE**

A PROJECT SUBMITTED TO

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

IN PARTIAL FULFILMET OF THE REQUIREMENT

FOR THE AWARD OF THE DEGREE OF

**BACHELOR OF ARTS IN ENGLISH**

Submitted by

**L. VIMAL RAJ**

**(A20END27)**

Under the guidance of

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Asst. Prof., Department of English

**PG AND RESEARCH DEPARTMENT OF ENGLISH**

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**(AFFILATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**

**CUDDALORE-607001**

**MAY 2023**

**CERTIFICATE**

This is certify that the project entitled **SOCIAL PROBLEM AND MORAL VALUES IN JANE AUSTEN'S PRIDE AND PREJUDICE** is a bonafide record of work done by **M.ARUL (A20END61)** as part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.

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**Principal**

Place: Cuddalore

Date:

Examiners:



**THE COLLISION OF RELATINSHIP IN UPTON SINCLAIR'S OIL UNDER THE  
LIGHT OF CAPITALISM**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

**J.GODWIN**

**(A20END29)**

**Under the guidance of**

**Mr. A. Napoleon Joseph, M.A., B.Ed., M.Phil.,**

**Assistant Professor of English**



**PG & RESEARCH DEPARTMENT OF ENGLISH**

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**CUDDALORE-607001**

**MAY 2023**  
**CERTIFICATE**

This is certify that the project entitled **THE COLLISION OF RELATINSHIP IN UPTON SINCLAIR'S OIL UNDER THE LIGHT OF CAPITALISM** is a bonafide record of work done by **J.GODWIN (A20END29)** as part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.

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**Principal**

Place: Cuddalore

Date:

Examiners:

**ALIENATION IN THE SELECT PLAYS OF WILLIAM SHAKESPEARE**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

Submitted by

**V. BALRAJ**

**(A20END30)**

Under the guidance of

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**CUDDALORE-607001**

**MAY 2023**

**CERTIFICATE**

This is certify that the project entitled **ALIENATION IN THE SELECT PLAYS OF WILLIAM SHAKESPEARE** is a bonafide record of work done by **V.BALRAJ (A20END30)** as part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.

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Place: Cuddalore

Date:



**PORTRAYAL OF WOMEN IN THE SELECT NOVELS OF  
ANITA DESAI**



**A PROJECT SUBMITTED TO  
PG & RESEARCH DEPARTMENT OF ENGLISH  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),  
CUDDALORE**

**IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

**J. JOHN MOHAN DOSS  
Roll No: A20END31**

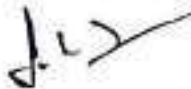
**Under the guidance of**

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APRIL – 2023**

## CERTIFICATE

This is to certify that the dissertation entitled **PORTRAYAL OF WOMEN IN THE SELECT NOVELS OF ANITA DESAI** is a bonafide record of work done by **J. JOHN MOHAN DOSS, (A20END31)** in partial fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** submitted to **PG & RESEARCH DEPARTMENT OF ENGLISH, ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE - 01** affiliated to **Thiruvalluvar University, Vellore** carried out by him under my supervision. The matter embodied in this project is original and has not submitted for the award of any degree.

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Principal

Place: Cuddalore  
Date:

Examiners:

**VIRGINIA WOOLF**  
**A PROJECT SUBMITTED TO**  
**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**IN PARTIAL FULFILMET OF THE REQUIREMENT**  
**FOR THE AWARD OF THE DEGREE OF**  
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Submitted by

**J. HARIHARAN**

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Place: Cuddalore

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Examiners:

1.

2.



**IN THEEM OF BETRAYAL IN SHAKESPEARE'S MACBETH**  
**A PROJECT SUBMITTED TO**  
**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**IN PARTIAL FULFILMET OF THE REQUIREMENT**  
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Submitted by

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**MAY 2023**

**CERTIFICATE**

This is certify that the project entitled **THE PSYCHOANALYTIC STUDY OF CHARECTERS AND THE EPIPHONY OF READERS IN AYN RAND'S 'THE FOUNTAINHEAD'** is a bonafide record of work done by **VISHAL ANTONY.A (A20END35)** as part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.



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Examiners:

**THE PSYCHOANALYTIC STUDY OF CHARECTERS AND THE  
EPIPHONY OF READERS IN AYN RAND'S 'THE FOUNTAINHEAD'**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

**Vishal Antony .A**

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Principal

Place: Cuddalore

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Examiners:



**THE THEMES OF INVISIBILITY AND IDENTITY IN H.G WELL'S**  
***THE INVISIBLE MAN***  
A PROJECT SUBMITTED TO  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
IN PARTIAL FULFILMENT OF THE REQUIREMENT  
FOR THE AWARD OF THE DEGREE OF  
**BACHELOR OF ARTS IN ENGLISH**

Submitted by

**T.Billgates**

**(A20END37)**



Under the guidance of

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MAY 2023

CERTIFICATE

This is certify that the project entitled **THE THEMES OF INVISIBILITY AND IDENTITY IN H.G.WELL'S *THE INVISIBLE MAN***, a bonafide record of work done by **J. Kevin Samuel (A20END10)** as part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE - 01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision.

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**Principal**

Place: Cuddalore

Date:

Examiners:

**STUDY OF FEMINISM AND SACRIFICE IN LOUISA MAY  
ALCOTT'S LITTLE WOMEN**

**A PROJECT SUBMITTED TO  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILMET OF THE REQUIREMENT  
FOR THE AWARD OF THE DEGREE OF  
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Submitted by

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**MAY 2023**

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This is certify that the project entitled **THE STUDY OF FEMINISM AND SACRIFICE IN LOUISA MAY ALCOTT'S LITTLE WOMEN** is a bonafide record of work done by **P. ROSILAN (A20END39)** as part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision.

The matter embodied in this project is original and has not been submitted for the award of any other degree.

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**Principal**

Place: Cuddalore

Date :



**THEME THE INNOCENCE OF YOUTH IN  
R.K.NARAYAN'S *SWAMI AND FRIENDS***



A PROJECT SUBMITTED TO  
PG & RESEARCH DEPARTMENT OF ENGLISH  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS) CUDDALORE  
IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE  
AWARD OF THE DEGREE OF  
BACHELOR OF ARTS IN ENGLISH

By

**M.SUMAN (A20END41)**

Under the guidance of

**Mr.P.MALAIARASAN M.A.M.Phil.,**

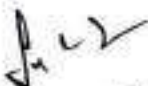
Assistant Professor

PG & Research Department of English

**CERTIFICATE**

This is to certify that the Project titled **SWAMI AND FRIENDS R.K.NARAYAN** is a bonafide record of work done by **M.SUMAN (A20END41)** in partial fulfillment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** submitted to **PG & RESEARCH DEPARTMENT OF ENGLISH, ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not submitted for the award of any degree.

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**Place : Cuddalore Date:**

**Examiners:**

1.

2.

**THE ANIMAL FARM**  
**BY**  
**GEORGE OREWELL**  
A PROJECT SUBMITTED TO  
**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
IN PARTIAL FULFILMET OF THE REQUIREMENT  
FOR THE AWARD OF THE DEGREE OF  
**BACHELOR OF ARTS IN ENGLISH**

Submitted by  
**H.THAMARAI SELVAN**  
(A20END42)



Under the guidance of  
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**CUDDALORE-607001**

**MAY 2023**

### CERTIFICATE

This is certify that the project entitled **THE POLITICAL REVOLUTIONARY ANALYSIS IN THE NOVEL THE ANIMAL FARM BY GEORGE ORWELL** a bonafide record of work done by **H.THAMARAI SELVAN(A20END42)** as part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.

**V.R. Suresh Kumar, M.A., M.Phil., B.Ed.**  
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**Principal**

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Examiners:



**THE STUDY OF THEMES OF CHRISTIANITY AND DIVINE PROVIDENCE  
IN DANIEL DEFOE'S ROBINSON CRUSOE**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

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**Submitted by**

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**APRIL 2023**

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This is certify that the project entitled **A STUDY OF THEMES OF CHRISTIANITY AND DIVINE PROVIDENCE IN DANIEL DEFOE'S ROBINSON CRUSOE** is a bonafide record of work done by **M.MUGILAN (A20END43)** as part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to **Thiruvalluvar University, Vellore** carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.



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**Principal**

Place: Cuddalore

Date:

Examiners:

***A STUDY OF POST COLONIAL ELEMENTS IN THE SELECT NOVELS  
OF V.S.NAIPAUL***

A PROJECT SUBMITTED TO  
**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
IN PARTIAL FULFILMENT OF THE REQUIREMENT  
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**BACHELOR OF ARTS IN ENGLISH**

Submitted by

**C.K.KURALARASAN**

**(A20END44)**

Under the guidance of

**MR.E.AROKIADOSS, M.A.,B.ED.,M.PHIL.,**

**Asst. Prof., Department of English**



**PG AND RESEARCH DEPARTMENT OF ENGLISH**  
**ST.JOSEPH'S COLLEGE OF ARTS AND (AUTONOMOUS)**  
**(AFFILATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**  
**CUDDALORE-607001**

**MAY 2023**

## CERTIFICATE

This is certify that the project entitled *A STUDY OF POST COLONIAL ELEMENTS IN THE SELECT NOVELS OF V.S.NAIPAUL*, a bonafide record of work done by C. K. Kuralarasan (A20END44) as part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.

sd 12/1/24

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**Principal**

Place: Cuddalore

Date:

Examiners:



**THE PIED PIPER OF INDIAN FICTION**  
A PROJECT SUBMITTED TO  
**PG & RESEARCH DEPARTMENT OF ENGLISH**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE**  
**(AUTONOMOUS)**  
**CUDDALORE**  
IN PARTIAL FULFILLMENT OF THE REQUIREMENT  
FOR THE  
AWARD OF THE DEGREE OF  
BACHELOR OF ARTS IN ENGLISH

By

**M. MANISH PAUL**  
**(A20END47)**

Under the guidance of


**Mr. B. Prabakaran M.A., B.Ed., M.Phil., NET, SET**  
Assistant Professor., Department of English



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**CUDDALORE-607001**


## CERTIFICATE

This is to certify that the Project titled **THE PIED PIPER OF INDIAN FICTION** is a Bonafide record of work done by **MANISH PAUL (A20END87)** impartial fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** submitted to **PG & RESEARCH DEPARTMENT OF ENGLISH, ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not submitted for the award of any degree.

  
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**Principal**

**Place: Cuddalore**

**Date:**

**Examiners: 1.      2.**

**THE CLASS DIVISION IN ARAVIND ADIGA'S IN THE *WHITE TIGER***

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

Submitted by

**K. VELMURUGAN**

**(A20END48)**

Under the guidance of

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**Assistant Professor,**



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**(AFFILATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**

**CUDDALORE-607001**

**MAY 2023**

## CERTIFICATE

This is certify that the project entitled **THE CLASS DIVISION IN ARAVIND ADIGA'S IN THE WHITE TIGER** is a bonafide record of work done by **K. VELMURUGAN (A20END48)** as part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.

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Cuddalore- 1

**Principal**

Place: Cuddalore

Date:

Examiners:

1.

2.



THE THEME OF VENGEANCE IN WILLIAM SHAKESPEARE'S

THE MERCHANT OF VENICE



AND RESEARCH DEPARTMENT OF ENGLISH  
ST JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(AFFILIATED TO THIRUVALLUVAE UNIVERSITY, VELLORE)

CUDDALORE-607001

A PROJECT SUBMITTED TO

ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)

IN PARTIAL FULFILLMENT OF THE REQUIREMENT

FOR THE AWARD OF THE DEGREE OF

BACHELOR OF ARTS IN ENGLISH

Submitted By

S.SANJAY KUMAR

(A20END49)

Under the guidance of

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Assistant Professor

PG & Research Department of English

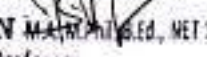
MAY 2023

## CERTIFICATE

This is to certify that the Project titled "THE THEME OF VENGEANCE IN WILLIAM SHAKESPEARE'S THE MERCHANT OF VENICE is a confide record of work done by S.SANJAY KUMAR (A19END49) in partial fulfillment for the award of the degree of BACHELOR OF ARTS IN ENGLISH submitted to PG & RESEARCH DEPARTMENT OF ENGLISH, ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-01 affiliated to THIRUVALLUVAR University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not submitted for the award of any other degree.

  
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Place: Cuddalore Date:  
Examiners:

1.

2.

**LOSS OF IMMIGRANTS SENSIBILITY IN BHARATI MUKHERJEE**

**'THE TIGER'S DAUGHTER'**



**A PROJECT SUBMITTED TO**

**PG & RESEARCH DEPARTMENT OF ENGLISH**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**CUDDALORE**

**IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE**

**AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**SUBMITTED BY**

**M. BABU**

**(A20END50)**

**UNDER THE GUIDANCE OF**

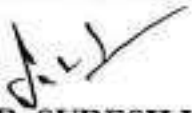

**MR. B. PRABAKARAN, M.A., B.ED., M.PHIL., NET., SET.,**

**ASSISTANT PROFESSOR**

**PG & RESEARCH DEPARTMENT OF ENGLISH**

## CERTIFICATE:

This is to certify that the Project titled "THE THEME LOSS OF IMMIGRANTS SENSIBILITY IN BHARATI MUKHERJEE 'THE TIGER'S DAUGHTER' is a confident record of work done by M.BABU (A20END50) in partial fulfillment for the award of the degree of BACHELOR OF ARTS IN ENGLISH submitted to PG & RESEARCH DEPARTMENT OF ENGLISH, ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE AFFILIATED to THIRUVALLUVAR University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any degree.

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PRINCIPAL

Place: Cuddalore

Date:

Examiners:

1.

2.



**ELEVATION OF HEROISM IN RUSKIN IN THE SELECT NOVEL OF RUSKIN BOND**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

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**Under the guidance of**

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**Asst. Prof., Department of English**



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**(AFFILATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**

**CUDDALORE-607001**

**MAY 2023**

## CERTIFICATE

This is certify that the project entitled **ELEVATION OF HEROISM IN RUSKIN IN THE SELECT NOVEL OF RUSKIN BOND** is a bonafide record of work done by **S.JEEVA(A20END51)** is part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** Submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this Project is original and has not for the award of any degree.

  
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Cuddalore- 1

**Principal**

Place: Cuddalore

Date:

Examiners:

**"A PSYCHOLOGICAL STUDY OF VIRGINIA WOOLF'S NOVEL  
TO THE LIGHTHOUSE"**



**A PROJECT SUBMITTED TO  
PG & RESEARCH DEPARTMENT OF ENGLISH  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE  
IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE  
AWARD OF THE DEGREE OF  
BACHELOR OF ARTS IN ENGLISH**

**Submitted By**

**S. SANTHOSH**

**(A20END53)**

**Under the guidance of**

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**Assistant Professor**

**PG & Research Department of English**

**MAY 2023**

## CERTIFICATE

This is to certify that the Project title **"A PSYCHOLOGICAL STUDY OF VIRGINA WOOLF'S NOVEL TO THE LIGHTHOUSE"** is a Bonafede record of work done by **S. SANTHOSH (A20END53)** in partial fulfillment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** submitted to **PG & RESEARCH DEPARTMENT OF ENGLISH, ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not submitted for the award of any degree.

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**Principal**

Place: Cuddalore

Date:

Examiners:

1.

2.



**EXPLORATION OF THE AMERICAN DREAM IN A RAISIN IN THE SUN  
BY LORRAINE HANSBERRY**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

Submitted by

**S.BHARATH**

**(A20END54)**

Under the guidance of

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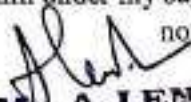
**(AFFILATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**

**CUDDALORE-607001**

MAY 2023

CERTIFICATE

This is certify that the project entitled **EXPLORATION OF THE AMERICAN DREAM A RAISIN IN THE SUN BY LORRAINE HANSBERRY** is a bonafide record of work done by **S.BHARATH (A20END54)** as part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.

  
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Cuddalore- 1

Principal

Place: Cuddalore

Date:

Examiners:

**Moral, Philosophical, And Psychological Aspects In**

**The Plays of Girish Karnad**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

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**(A20END55)**

**Under the guidance of**

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**CUDDALORE-607001**

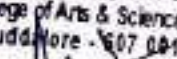
**MAY 2023**

## CERTIFICATE

This is certify that the project entitled **Moral, Philosophical, And Psychological Aspects In The Plays Of Girish Karnad** is a bonafide record of work done by **G.SATHEESH KUMAR (A20END55)** as part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.

  
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Cuddalore- 1

**Principal**

Place: Cuddalore

Date:

Examiners:



**REVOLUTION TWENTY 20 BY CHETAN BHAGAT**



**A PROJECT SUBMITTED TO**

**PG & RESEARCH DEPARTMENT OF ENGLISH**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**CUDDALORE**

**IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE**

**AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLIS**

**By**

**A.ABISHEK**

**(A20END56)**

**Under the guidance of**

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**Assistant Professor**

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This is to certify that the Project titled **REVOLUTION TWENTY 20 BY CHETAN BHAGAT** is a bonafide record of work done by **A. ABISHEK (A20END56)** in partial fulfillment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** submitted to **PG & RESEARCH DEPARTMENT OF ENGLISH, ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not submitted for the award of any degree.

**V.R. Suresh Kumar, M.A., M.Phil., B.Ed.**  
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**Mr. A. Lenin, M.A., SET**

(Project Guide)

St. Joseph's College of Arts & Science

(Autonomous)

Cuddalore- 01

**Principal**

**Place : Cuddalore**

**Date:**

**Examiners:**

1.

2.

**The Historical Struggle In The Novel Train To Pakistan By Khuswant Singh**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

**G.MANIKKAM**

**(A20END57)**

**Under the guidance of**

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**(AFFILATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**

**CUDDALORE-607001**

**MAY 2023**

## CERTIFICATE

This is certify that the project entitled **The Historical Struggle In The Novel Train To Pakistan By Khuswant Singh** is a bonafide record of work done by **G.MANIKKAM (A20END57)** as part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.

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Cuddalore- 1

**Principal**

Place: Cuddalore

Date:

Examiners:



**THEME THE INNOCENCE OF YOUTH IN**  
**R.K.NARAYAN'S      *SWAMI AND FRIENDS***



**A PROJECT SUBMITTED TO**  
**PG & RESEARCH DEPARTMENT OF ENGLISH**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
**CUDDALORE**  
**IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE**  
**AWARD OF THE DEGREE OF**  
**BACHELOR OF ARTS IN ENGLISH**  
**By**

**S. RAGUL**

**(A20END60)**

**Under the guidance of**

**Mr. A. Lenin, M.A., SET**

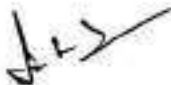
**Assistant Professor**

**PG & Research Department of English**

## CERTIFICATE

This is to certify that the Project titled **SWAMI AND FRIENDS R.K.NARAYAN** is a bonafide record of work done by **S. RAGUL (A20END60)** in partial fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** submitted to **PG & RESEARCH DEPARTMENT OF ENGLISH, ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not submitted for the award of any degree.

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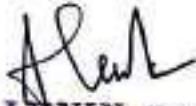
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**Place : Cuddalore**

**Date:**

**Examiners:**

"Decades of Activism And Political Propaganda of The Intelligent Woman's Guide To  
Socialism And Capitalism By George Bernad Shaw"



A PROJECT SUBMITTED TO  
PG & RESEARCH DEPARTMENT OF ENGLISH  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE  
IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE  
AWARD OF THE DEGREE OF  
BACHELOR OF ARTS IN ENGLISH

By

HARISH.G

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Under the guidance of  
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This is to certify that the Project title "DECADES OF ACTIVISM AND POLITICAL PROPAGANDA OF THE INTELLIGENT WOMAN'S GUIDE TO SOCIALISM AND CAPITALISM BY GEORGE BERNAD SHAW" is a bonafide record of work done by HARISH.G (A20END62) in partial fulfillment for the award of the degree of BACHELOR OF ARTS IN ENGLISH submitted to PG & RESEARCH DEPARTMENT OF ENGLISH, ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-01 affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not

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**ETHNICITY AND LITERARY AESTHETICS IN THE NOVELS  
OF BHARATI MUKHERJEE**



A PROJECT SUBMITTED TO  
PG & RESEARCH DEPARTMENT OF ENGLISH  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),  
CUDDALORE

IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF  
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**Submitted by**

**A. HARIGURUMOORTHY**  
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**THE THEME OF FORBIDDEN LOVE IN THE GOD OF SMALL THINGS**

A PROJECT SUBMITTED TO

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

IN PARTIAL FULFILMENT OF THE REQUIREMENT

FOR THE AWARD OF THE DEGREE OF

**BACHELOR OF ARTS IN ENGLISH**

Submitted by

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**MAY 2023**

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### THE THEME OF FORBIDDEN LOVE IN THE GOD OF SMALL

THINGS, a bonafide record of work done by **R. IYYAPPAN (A20END66)** as part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.

  
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**THE CLASS DISCRIMINATION DISCUSSED THE SELECT NOVEL  
UNTOUCHABLE BY MULK RAJ ANAND**

A PROJECT SUBMITTED TO

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

IN PARTIAL FULFILMET OF THE REQUIREMENT

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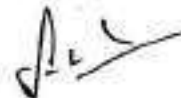
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**THE FOCALIZATION FACTOR IN THE SELECTED SLAUGHTER HOUSE**

**KURT VONNEGUT**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

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1.

2.



**SUBJUGATION TO SURVIVAL IN THE SELECT NOVELS OF  
MULKRAJ ANAND: A STUDY**



**A PROJECT SUBMITTED TO  
PG & RESEARCH DEPARTMENT OF ENGLISH  
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Examiners:

**EXPLORATION OF GOOD AND EVIL , DAMNATION AND SALVATION IN THE  
SELECTED NOVELS OF GRAHAM GREENE**

**A PROJECT SUBMITTED TO**

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**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

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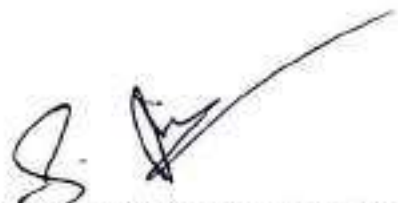
**CUDDALORE-607001**

**MAY 2023**

## CERTIFICATE

This is certify that the project entitled **EXPLORATION OF GOOD AND EVIL ,  
DAMNATION ANDSALVATION IN GREEN'S POWER AND GLORY** is a bonafide  
record of work done by **P. THIRUMALAIVASAN (A20END71)** as part of fulfilment for  
the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST.  
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Place: Cuddalore

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**POTRAYAL OF FREEDOM IN THE SELECT NOVELS OF CHITRA BANERJEE**  
**DIVAKARUNI**

**A PROJECT SUBMITTED TO**  
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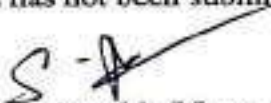
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**CULTURAL MIXTURES IN THE SELECT NOVELS OF  
SUNETRA GUPTA**



**A PROJECT SUBMITTED TO  
PG & RESEARCH DEPARTMENT OF ENGLISH  
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**IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF  
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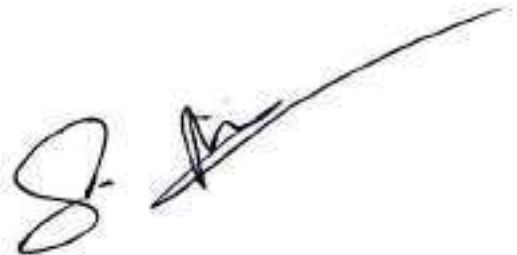
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**ECOCROTICAL STUDY OF MOBY DICK  
THE OLD MAN AND THE SEA LIFE OF PI  
AND  
THE HUNGRY TIDE**



**A PROJECT SUBMITTED TO  
PG & RESEARCH DEPARTMENT OF ENGLISH  
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IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR  
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**BY**

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2.

**QUEST AND FANTASY IN R.J.ROWLING'S *HARRY POTTER***



**A PROJECT SUBMITTED TO**

**PG & RESEARCH DEPARTMENT OF ENGLISH**

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**IN PARTIAL FULFILLMENT OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

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**Submitted by**

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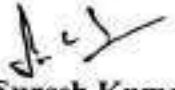
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Place: Cuddalore

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Examiners:

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**THE STUDY OF CLASS CONSCIOUSNESS IN JANE AUSTEN'S**  
***PRIDE AND PREJUDICE***  
**A PROJECT SUBMITTED TO**  
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**IN PARTIAL FULFILMET OF THE REQUIREMENT**  
**FOR THE AWARD OF THE DEGREE OF**  
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Submitted by

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MAY 2023

CERTIFICATE

This is certify that the project entitled **THE STUDY OF CLASS CONSCIOUSNESS IN JANE AUSTEN'S *PRIDE AND PREJUDICE*** is a bonafide record of work done by **M.SANTHOSHKUMAR (A20END81)** as part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.



**Mrs. I. Praisy, M.A.,B.Ed.,M.Phil.,**

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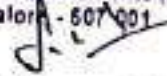
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Place: Cuddalore

Date:

Examiners:

**ELEMENTS OF THE ABSURD IN THE SELECT WORKS OF ALBERT CAMUS**

**A PROJECT SUBMITTED TO**

**PG & RESEARCH DEPARTMENT OF ENGLISH  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE**

**IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE  
AWARD OF THE DEGREE OF  
BACHELOR OF ARTS IN ENGLISH**

**By**

**RAMANI S  
(A20END82)**

**Under the guidance of  
MRS. I, PRAISY JOEL M.A., M.Phil., B.Ed  
Guest Lecturer., Department of English**



**PG & RESEARCH DEPARTMENT OF ENGLISH  
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This is to certify that the Project titled **ELEMENTS OF THE ABSURD IN THE SELECT WORKS OF ALBERT CAMUS** is a bonafide record of work done by **RAMANI S (A20END82)** in partial fulfillment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** submitted to **PG & RESEARCH DEPARTMENT OF ENGLISH, ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not submitted for the award of any degree.

**V.R. Suresh Kumar, M.A., M.Phil., B.Ed.**  
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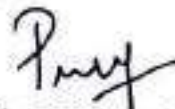
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**Principal**

**Place: Cuddalore**

**Date:**

**Examiners:**

- 1.
- 2.



**THEME OF RESILIENCE IN THE FACE OF ADVERSITY AND THE  
COMPARATIVE STUDY OF JOHN GREENE'S NOVEL THE FAULT IN OUR  
STARS AND ITS FILM ADOPTED FILMS**

**A PROJECT SUBMITTED TO**

**PG & RESEARCH DEPARTMENT OF ENGLISH  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE**

**IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE  
AWARD OF THE DEGREE OF  
BACHELOR OF ARTS IN ENGLISH**

**By**

**AJAIKUMAR S  
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**Under the guidance of  
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**PG & RESEARCH DEPARTMENT OF ENGLISH**

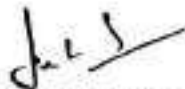
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This is to certify that the Project titled **THEME OF RESILIENCE IN THE FACE OF ADVERSITY AND THE COMPARATIVE STUDY OF JOHN GREENE'S NOVEL THE FAULT IN OUR STARS AND ITS FILM ADOPTED FILMS** is a bonafide record of work done by **AJAIKUMAR S (A20END83)** in partial fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** submitted to **PG & RESEARCH DEPARTMENT OF ENGLISH, ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not submitted for the award of any degree.

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Date:

Examiners:

- 1.
- 2.

**PORTRAYAL OF FEMINISM IN SOME OF NAYANTARA SAGHAL'S NOVELS**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

Submitted by

**V. SATHIYANARAYANAN**

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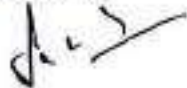
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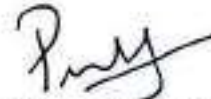
## CERTIFICATE

This is to certify that the Project titled **PORTRAYAL OF FEMINISM IN SOME OF NAYANTARA SAGHAL'S NOVELS** is a bonafide record of work done by **SATHIYANARYANAN V (A20END84)** in partial fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** submitted to **PG & RESEARCH DEPARTMENT OF ENGLISH, ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not submitted for the award of any degree.

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**Place: Cuddalore**

**Date:**

**Examiners:**

- 1.
- 2.



**FEMINISM IN THE GOD OF SMALL THINGS**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

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**MAY 2023**

**FEMINISM IN THE GOD OF SMALL THINGS**  
**A PROJECT SUBMITTED TO**  
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**IN PARTIAL FULFILMET OF THE REQUIREMENT**  
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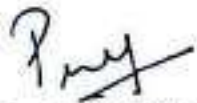


**PG AND RESEARCH DEPARTMENT OF ENGLISH**  
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**MAY 2023**

### CERTIFICATE

This is certify that the project entitled **FEMINISM IN THE GOD OF SMALL THINGS** is a bonafide record of work done by **M. ATHISHANKAR (A20END85)** as part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.



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**Principal**

Place: Cuddalore

Date:

Examiners:

**THE THEME OF V. S NAIPAULS A HOUSE FOR MR BISWAS**

**A PROJECT SUBMITTED TO**

**PG & RESEARCH DEPARTMENT OF ENGLISH**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**CUDDALORE**

**IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE**

**AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**By**

**P.CHANDRU**

**(A20END87)**

**Under the guidance of**

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**Guest Lecturer., Department of English**



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**Principal**

**Place :Cuddalore**

**Date:**

**Examiners:**

1.

2.

**THE CONCEPT OF ENDURANCE IN THE SELECT NOVELS OF ERNEST  
HEMINGWAY**

**A DISSERTATION SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT OF THE REQUIREMENT  
FOR THE AWARD OF THE DEGREE OF  
BACHELOR OF ARTS IN ENGLISH**

Submitted by

**M.AAQILA BEGUM**

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Under the guidance of

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**APRIL 2023**

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Assist.

PG & Res. ..

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Head of the Department

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Place: Cuddalore

Date:

Examiners:

1.

2.

**SOCIAL EVIL IN SELECT WORKS OF KAMALA MARKANDAYA**

A PROJECT SUBMITTED TO

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

IN PARTIAL FULFILMENT OF THE REQUIREMENT

FOR THE AWARD OF THE DEGREE OF

**BACHELOR OF ARTS IN ENGLISH**

Submitted by

**M.ADHITHYA**

**(A20ENEA04)**

Under the guidance of

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**Asst. Prof., Department of English**



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**CUDDALORE-607001**

**MAY 2023**



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**Principal**

Place: Cuddalore

Date: *5/5/27*

**THE CONCEPT OF SIN AND SALVATION IN THE SELECT WORKS OF GRAHAM GREENE**

**A PROJECT SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

**L. Akilandeswari**

**(A20ENEA05)**

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**MAY 2023**

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This is certify that the project entitled **THE CONCEPT SIN AND SALAVATION IN THE SELECT WORKS OF GRAHAM GREENE** is a bonafide record of work done by **LAKILANDESWARI (A20ENEA05)** as a part fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this project is original and has not been the basics for the award of any other degree or similar titles.

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Principal

Place: Cuddalore

Date: 18.08.2023

Examiners:



**THE CONCEPT OF MORALITY IN THE SELECT WORKS OF OSCAR WILDE**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

**J Benita Josephine**

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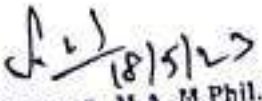
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This is certify that the project entitled **THE CONCEPT OF MORALITY IN THE SELECT WORKS OF OSCAR WILDE** is a bonafide record of work done by **J BENITA JOSEPHINE (A20ENEA06)** as a part fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this project is original and has not been the basics for the award of any other degree or similar titles.

  
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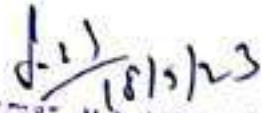
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**V.R. Suresh Kumar, M.A., M.Phil., B.Ed.,**  
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Cuddalore- 1

**Principal**

Place: Cuddalore

Date: 18/5/2023

Examiners:

**THE CONCEPT OF DECADENCE AND DISILLUSIONMENT IN THE SELECT  
NOVELS OF F. SCOTT FITZGERALD**

**A PROJECT SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

**R Christy**

**(A20ENEA07)**

**Under the guidance of**

**Mr. V. R. Suresh Kumar, M.A., B. ed., M.Phil.,**

**Head & Asst. Prof., Department of English**



**PG AND RESEARCH DEPARTMENT OF ENGLISH**

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**MAY 2023**

## CERTIFICATE

This is certify that the project **THE CONCEPT OF DECADENCE AND DISILLUSIONMENT IN THE SELECT NOVELS OF F. SCOTT FITZGERALD** is a bonafide record of work done by **R CHRISTY (A20ENEA07)** as a part fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE - 01** affiliated to **Thiruvalluvar University, Vellore** carried out by her under my supervision. The matter embodied in this project is original and has not been the basics for the award of any other degree or similar titles.

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Place: Cuddalore

Date: 12.05.2023

Examiners:



**EXPLOITATION OF WOMEN IN THE SELECT NOVELS OF WILLA  
CATHER**

**A PROJECT SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
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**IN PARTIAL FULFILMET OF THE REQUIREMENT FOR THE AWARD  
OF THE DEGREE OF BACHELOR OF ARTS IN ENGLISH**

**SUBMITTED BY**

**N. GIRIJA (A20ENEA08)**

**UNDER THE GUIDANCE OF**

**MR. V. R. SURESH KUMAR, M.A., M.Phil., B.Ed.,**

**Head&Asst.Porf., Department of English**

**PG AND RESEARCH DEPARTMENT OF ENGLISH**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE - 607001**

**MAY 2023**



## CERTIFICATE

This is to certify that the project entitled **EXPLOITATION OF WOMEN IN THE SELECT**

**NOVEL OF WILLA CATHER** is a bonafide record of work done by **N. GIRIJA**

(A20ENEA08) is part of fulfilment for the award of the degree of **BACHELOR OF ARTS**

**IN ENGLISH** Submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore

carried out by her under my supervision. The matter embodied in this Project is original and

has not for the award of any degree.

**V.R. Suresh Kumar, M.A., M.Phil., B.Ed.,**  
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Principal

Place: Cuddalore

Date: 18.5.23

Examiners:

**THE CONCEPT OF TIME IN THE SELECT FICTIONS OF VIRGINIA WOOLF**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

**JANNATHUL FIRDOUS.M**

**(A20ENEA10)**

**Under the guidance of**

**Mr. V . R . Suresh Kumar, M.A., B.ed., M.Phil.,**

**Head & Asst. Prof., Department of English**



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**MAY 2023**

## CERTIFICATE

This is certify that the project entitled **THE CONCEPT OF TIME IN THE SELECT FICTIONS OF VIRGINIA WOOLF** is a bonafide record of work done by **JANNATHUL FIRDOUS.M (A20ENEA10)** as a part fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this project is original and has not been the basis for the award of any other degree or similar titles.

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**Place: Cuddalore**

**Date:**

**Examiners:**



**CONCEPT OF MORALITY IN THE SELECT WORKS OF CHARLES DICKENS'S**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

**Joy Immaculate S**

**(A20ENEA11)**

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**CUDDALORE-607001**

**MAY 2023**



## CERTIFICATE

This is certify that the project entitled **CONCEPT OF MORALITY IN THE SELECT WORKS OF CHARLES DICKENS'S** is a bonafide record of work done by **JOY IMMACULATE S(A20ENE11)** as a part fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this project is original and has not been the basics for the award of any other degree or similar titles.

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**Principal**

**Place: Cuddalore**

**Date:**

**Examiners:**

**CONCEPT OF LOVE IN THE SELECT WORKS ERNEST HEMINGWAY**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILLMENT OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

Submitted by

**LAKSHMI S**

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**CUDDALORE 607001**

**May 2023**

## CERTIFICATE

This is certify that the project entitled **CONCEPT OF LOVE IN THE SELECT WORKS ERNEST HEMINGWAY** is a bonafide record of work done by **LAKSHMI S (A20ENEA14)** is part of fulfillment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01**, affiliated to **Thiruvalluvar University, Vellore** carried out by her under my supervision. The matter embodied in this project is original and has not formed the basis for the award of any degree.

*18/5/23*  
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**Principal**

**Place: Cuddalore**

**Date: 18/5/23**

**Examiners:**



**EXPLORING THE USE OF SITUATIONAL IRONY IN  
MAGICAL REALISM IN YANN MARTEL'S WORKS**

**A PROJECT SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

**LOGESHWARI S**

**A20ENEA15**

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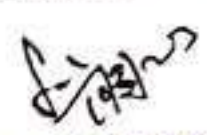


## CERTIFICATE

This is to certify that the project entitled **EXPLORING THE USE OF SITUATIONAL IRONY THROUGH MAGICAL REALISM IN YANN MARTEL'S WORKS** is a bonafide record of work done by **LOGESHWARI S, A20ENEA15** is part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE - 607001**, affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this project is original and has not formed the basis for the award of any degree.



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**Place:** Cuddalore

**Principal**

**Date:**

**Examiners:**

**SITUATIONAL IRONY IN THE SELECT WORKS OF O'HENRY**

A PROJECT SUBMITTED TO

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

IN PARTIAL FULFILMET OF THE REQUIREMENT

FOR THE AWARD OF THE DEGREE OF

**BACHELOR OF ARTS IN ENGLISH**

Submitted by

**NAGAMMAL.G**

**(A20ENEA17)**

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**CUDDALORE-607001**

**MAY 2023**

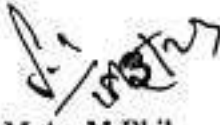
### CERTIFICATE

This is certify that the project entitled **SITUATIONAL IRONY IN THE SELECT WORKS OF O' HENRY** is a bonafide record of work done by **NAGAMMAL G (A20ENEAI7)** is part of fulfillment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01**, affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this project is original and has not formed the basis for the award of any degree.



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**Principal**

**Place: Cuddalore Date:**

**Examiners:**



**IDENTIFYING THE FEMININE SELF BY THE PROTAGONISTS IN  
THE VOYAGE OUT AND MRS.DALLOWAY**

**A PROJECT SUBMITTED TO  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILMET OF THE REQUIREMENT  
FOR THE AWARD OF THE DEGREE OF  
BACHELOR OF ARTS IN ENGLISH**

Submitted by

**P. NIVEYA**

**(A20ENEAI8)**

Under the guidance of

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**Asst. Prof., Department of English**



**PG AND RESEARCH DEPARTMENT OF ENGLISH  
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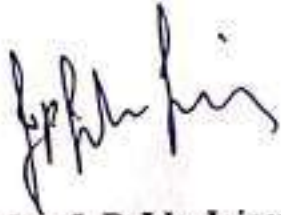
**CUDDALORE 607001**

**May 2023**



## CERTIFICATE

This is to certify that the project entitled **IDENTIFYING THE FEMININE SELF BY THE PROTAGONISTS IN THE VOYAGE OUT AND MRS.DALLOWAY** is a bonafide record of work done by **P. NIVEYA (A20ENEA18)** is part of fulfillment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this Project is original and has not been submitted for the award of any degree.



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**Principal**

**Place: Cuddalore**

**Date:**

**Examiners:**

**CONCEPT OF SCIENCE IN THE SELECT WORKS OF H.G.WELLS**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

**P.PAVITHRA**

**(A20ENEA20)**

**Under the guidance of**

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**Asst. Prof., Department of English**



**PG AND RESEARCH DEPARTMENT OF ENGLISH**

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**CUDDALORE-607001**

**MAY 2023**

## CERTIFICATE

This is to certify that the project entitled **CONCEPT OF SCIENCE IN THE SELECT WORK OF H.G.WELLS** is a bonafide record of work done by **P.PAVITHRA (A20ENEA20)** as a part fulfillment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this project is original and has not been the basis for the award of any other degree or similar titles.

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Place: Cuddalore

Date:

17/5/23



**CONCEPT OF THE REFLECTION OF RUSSIAN SOCIETY IN THE SELECT**

**WORK OF LEO TOLSTOY**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

Submitted by

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**MAY 2023**

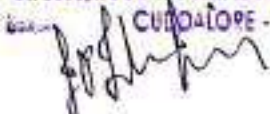


### CERTIFICATE

This is certify that the project entitled **CONCEPT OF THE REFLECTION OF RUSSIAN SOCIETY IN THE SELECT WORK OF LEO TOLSTOY** is a bonafide record of work done by **T.PAVITHRA (A20ENEA21)** as a part fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this project is original and has not been the basics for the award of any other degree or similar titles.

**J.P. IDA JOICEY, M.A., M.Phil.,**  
Assistant Professor

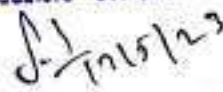
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**Principal**

Place: Cuddalore

Date:

11.5.23

Examiners:

**FAMILY AND SOCIAL EXPECTATION'S IN THE SELECT WORKS OF  
OSCAR WILDE  
A PROJECT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILMENT OF THE REQUIREMENT  
FOR THE AWARD OF THE DEGREE OF  
BACHELOR OF ARTS IN ENGLISH**

Submitted by

**G. PREETHI BANU**

**(A20ENEA22)**

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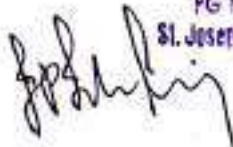
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## CERTIFICATE

This is to certify that the project entitled **FAMILY AND SOCIAL EXPECTATION'S IN THE SELECT WORKS OF OSCAR WILDE** done by **G. PREETHI BANU (A20ENEA22)** is part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this project is original and has not been submitted for the award of any degree.

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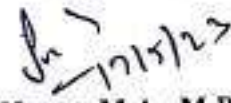
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**Principal**

Place: Cuddalore

Date: 17.5.27

Examiners:



**THE THEME OF GUILT AND REDEMPTION IN THE SELECT  
WORKS OF NATHANIEL HAWTHORNE**

A PROJECT SUBMITTED TO

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IN PARTIAL FULFILMENT OF THE REQUIREMENT

FOR THE AWARD OF THE DEGREE OF

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Submitted by

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**(A20ENEA23)**

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**MAY 2023**



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This is to certify that the project entitled **THE THEME OF GUILT AND REDEMPTION IN THE SELECT WORKS OF NATHANIEL HAWTHORNE** is a bonafide record of work done by **PRIYADHARSHINI B (A20ENE23)** is part of fulfillment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01**, affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this project is original and has not formed the basis for the award of any degree.

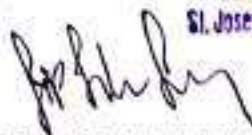
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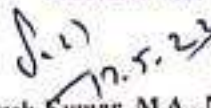
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**Principal**

Place: Cuddalore

Date:

Examiners:

A PROJECT SUBMITTED TO

The theme of Time and salvation In the selected poems of T.S. Eliot

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

IN PARTIAL FULFILMET OF THE REQUIREMENT

FOR THE AWARD OF THE DEGREE OF

BACHELOR OF ARTS IN ENGLISH

Submitted by

E. RACHAEL SATHYA

(A20ENEA24)

Under the guidance of

Mrs. J.P. IDA JOICEY, M.A., M.Phil.,

Asst. Prof., Department of English



PG AND RESEARCH DEPARTMENT OF ENGLISH

ST. JOSEPH'S COLLEGE OF ARTS AND (AUTONOMOUS)

(AFFILATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)

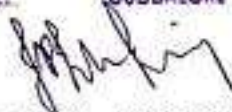
CUDDALORE-607001.

MAY2023

## CERTIFICATE

This is to certify that the project entitled **theme of Time and salvation In the selecte<sup>d</sup> The poems of T.S. Eliot** is a bonafide record of work done by E.Rachael Sathya (A20ENEA24) is part of fulfilment for the award of the degree of Bachelor of Arts in English submitted to St. Joseph's College Of Arts And Science (Autonomous), Cuddalore-01 affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this project is original and has not been submitted for the award of any degree.

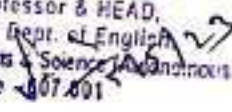
**J.P. IDA JOICEY, M.A., M.Phil.,**  
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Cuddalore- 1.

**Principal**

Place: Cuddalore

Date: 5/5/23

Examiners:



**LOVE AND LOSS IN THE SELECT WORKS OF ERNEST HEMINGWAY**

**A PROJECT SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILLMENT OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

Submitted by

**S. REENA**

**(A20ENEA25)**

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**CUDDALORE-607001**

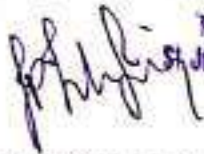
**MAY 2023**



## CERTIFICATE

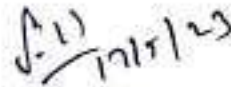
This is to certify that the project entitled **LOVE AND LOSS IN THE SELECT WORKS OF ERNEST HEMINGWAY** done by **S. REENA (A20ENEA25)** is part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** Submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this Project is original and has not been submitted for the award of any degree.

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**Principal**

Place: Cuddalore

Date:

12.5.23

Examiners:

**CLASS DISCRIMINATION AND JUSTICE IN THE SELECT WORKS OF  
CHARLES DICKENS**

**A PROJECT SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

Submitted by

**G. SANDYA**

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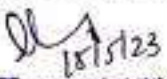
**(AFFILATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**

**CUDDALORE-607001**


**MAY 2023**

### CERTIFICATE

This is certify that the project entitled **CLASS DISCRIMINATION AND JUSTICE** **IN THE SELECT WORKS OF CHARLES DICKENS** is a bonafide record of work done by **G. SANDYA (A20ENEA27)** is part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, Submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to **Thiruvalluvar University, Vellore** carried out by her under my supervision. The matter embodied in this project is original and has not been for the award of any degree or similar titles.

  
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**Principal**

Place: Cuddalore

Date: 18-05-2023

Examiners:



**CHRISTIAN ALLEGORY IN THE SELECT NOVELS OF C.S. LEWIS**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

Submitted by

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**(A20ENEA29)**

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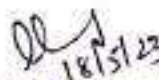
**CUDDALORE-607001**

**MAY 2023**



## CERTIFICATE

This is certify that the project entitled **CHRISTIAN ALLEGORY IN THE SELECT NOVELS OF C.S. LEWIS** is a bonafide record of work done by **S.H. SHAHINA (A20ENEA29)** as part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** Submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this Project is original and has not for the award of any degree.

  
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**Principal**

Place: Cuddalore

Date: 18-5-22

Examiners:

**THE THEME OF FEMINISM IN THE SELECT NOVELS OF MARGARET  
ATWOOD**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

**N.SOUNDARYA**

**(A20ENEA30)**

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**CUDDALORE-607001**

**MAY 2023**

## CERTIFICATE

This is to certify that the project entitled **THE FEMINISM IN THE SELECT NOVELS OF MARGARET ATWOOD** is a bonafide record of work done by **N.SOUNDARYA(A20ENEA30)** as part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** Submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this Project is original and has not for the award of any degree.

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**Principal**

Place: Cuddalore

Date: 18/05/2022

Examiners:



**POLITICAL SATIRE IN THE SELECT NOVELS OF GEORGE ORWELL**

**A PROJECT SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

Submitted by

**R. SOWMIYA**

**(A20ENEA31)**

Under the guidance of

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**Asst. Prof., Department of English**



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**(AFFILATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**

**CUDDALORE-607001**

**MAY 2023**



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This is certify that the project entitled **POLITICAL SATIRE IN THE SELECT NOVELS OF GEORGE ORWELL** is a bonafide record of work done by **R. SOWMIYA (A20ENEA31)** is part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, Submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this project is original and has not been for the award of any degree or similar titles.

  
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**Principal**

Place: Cuddalore

Date: 18/05/2023

Examiners:

**THE THEME OF ABSURDITY IN THE SELECT PLAYS OF SAMUEL  
BECKETT**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

Submitted by

**K. SUBASHRI**

**(A20ENEA32)**

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**CUDDALORE-607001**

**MAY 2023**

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This is to certify that the project entitled **THE THEME OF ABSURDITY IN THE SELECT PLAYS OF SAMUEL BECKETT** is a bonafide record of work done by **K. SUBASHRI(A20ENEA32)** as a part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this project is original and has not been the basis for the award of any other degree or similar titles.

  
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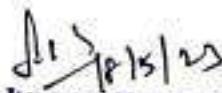
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**Principal**

Place: Cuddalore

Date: 18/5/2023

**DARK ROMANTICISM IN THE SELECT WORKS OF NATHANIEL HAWTHORNE**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

Submitted by

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**(A20ENEA33)**

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**CUDDALORE-607001**

**MAY 2023**



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**Principal**

Place: Cuddalore

Date: 18.05.2023

Examiners:

**THE THEME OF PREJUDICE IN THE SELECT WORKS OF JANE AUSTEN**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

**M.SUJATHA**

**(A20ENEA34)**

**Under the guidance of**

**Dr. M. A. Mary, M.A., M.ED., M.Phil., Ph.D., SET**

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**MAY 2023**

## CERTIFICATE

This is to certify that the project entitled **THE THEME OF PREJUDICE IN THE SELECT WORKS OF JANE AUSTEN** is a bonafide record of work done by **M.SUJATHA (A20ENE34)** as a part fulfillment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this project is original and has not been the basis for the award of any other degree or similar titles.

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**Principal**

Place: Cuddalore  
Date: 18-05-2023  
Examiners:

**RESSURETION AND REDUMPHION IN THE SELECT WORKS OF R.K.  
NARAYAN.**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

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**(A20ENEA35)**

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**CUDDALORE-607001**

**MAY 2023**



### CERTIFICATE

This is to certify that the project entitled **RESURECTION AND REDEMPTION IN THESELECT WORKS OF R.K. NARAYAN** is a bonafide record of work done by **P.SUNITHA (A20ENEA35)** is part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** Submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this Project is original and has not been submitted for the award of any degree.

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**Dr. M.A. MARY, SET., Ph.D.,**  
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**Principal**

Place: Cuddalore

Date: 18/05/2023

Examiners:

**THEME OF ADVENTURE IN THE SELECT NOVELS OF MARK TWAIN**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

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**Submitted by**

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**CUDDALORE-607001**

**MAY 2023**

## CERTIFICATE

This is certify that the project entitled **THEME OF ADVENTURE IN THE SELECT NOVELS OF MARK TWAIN** is a bonafide record of work done by **M. SWATHIGA (A20ENEA36)** is part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** Submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this Project is original and has not for the award of any degree.

  
**Dr. M.A. MARY, SET., Ph.D.,**  
**Assistant Professor,**  
**PG & Research Department of English,**  
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**V.R. Suresh Kumar, M.A., M.Phil., B.Ed.**  
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Cuddalore- 1

**Principal**

Place: Cuddalore

Date: 18.05.2023

Examiners:

**THEME OF FAMILY CRISES IN THE SELECT PLAYS OF SAM SHEPARD**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

Submitted by

**K.SWETHA**

**(A20ENEA37)**

Under the guidance of

**Mrs. S. Umamageswari M.A., M.Phil.,**



**Asst. Prof., Department of English**

**PG AND RESEARCH DEPARTMENT OF ENGLISH**

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**(AFFILATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**

**CUDDALORE-607001**

**MAY 2023**



### CERTIFICATE

This is to certify that the project entitled **THEME OF FAMILY CRISES IN THE SELECT PLAYS OF SAM SHEPARD** is a bonafide record of work done by **K.SWETHA (A20ENEA37)** as a part fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this project is original and has not been the basis for the award of any other degree or similar titles.

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**Principal**

Place: Cuddalore

Date: 11/5/23

**EXPLOITATION OF WOMEN IN THE SELECT NOVEL OF R.K.NARAYANAN**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

Submitted by

**S. THASNEEM**

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**CUDDALORE-607001**

**MAY 2023**

## CERTIFICATE

This is certify that the project entitled **EXPLOITATION OF WOMEN IN THE SELECT NOVEL OF R.K.NARAYANAN** is a bonafide record of work done by **S.TIASNEEM (A20ENEA38)** is part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** Submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this Project is original and has not for the award of any degree.

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Cuddalore- 1

**Principal**

Place: Cuddalore

Date: 05.05.2023

Examiners:

**THEME OF TOTALITARIANISM IN THE NOVELS ANIMAL FARM AND A TALE  
OF TWO CITIES**

**A PROJECT SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

**V. VAISHNAVI**

**(A20ENEA39)**

**Under the guidance of**

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**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**

**CUDDALORE-607001**

**MAY 2023**



## CERTIFICATE

This is to certify that the project entitled **THEME OF TOTALITARIANISM IN THE NOVELS ANIMAL FARM AND A TALE OF TWO CITIES** is a bonafide record of work done by **V.VAISHNAVI (A20ENEA39)** is part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** Submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this Project is original and has not for the award of any degree.

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Cuddalore- 1

Principal

Place: Cuddalore

Date: 5.5.23

Examiners:

**THE THEME OF LOVE IN THE SELECT NOVELS OF D. H. LAWRENCE**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

Submitted by

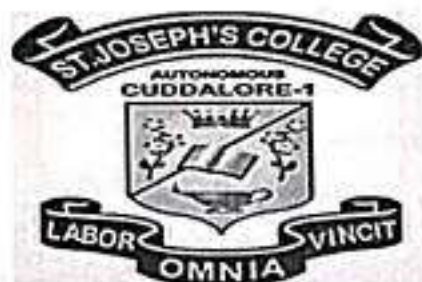
**E. VARSHA**

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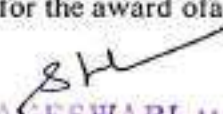
**(AFFILATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**

**CUDDALORE-607001**

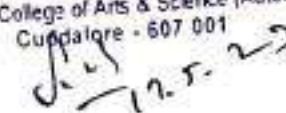
**MAY 2023**

## CERTIFICATE

This is to certify that the project entitled **THE THEME OF LOVE IN THE SELECT NOVELS OF D.H.LAWRENCE** is a bonafide record of work done by **E.VARSHA (A20ENEA40)** is part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** Submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this Project is original and has not for the award of any degree or similar titles.

  
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Cuddalore- 1

**Principal**

Place: Cuddalore

Date:

5/5/23

Examiners:

**STRUGGLES & SUFFERINGS IN THE NOVELS OF F. SCOTT FITZGERALD**

A PROJECT SUBMITTED TO

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

IN PARTIAL FULFILMENT OF THE REQUIREMENT

FOR THE AWARD OF THE DEGREE OF

**BACHELOR OF ARTS IN ENGLISH**

Submitted by

**R.VIJAYALAKSHMI**

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Under the guidance of

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**MAY 2023**



## CERTIFICATE

This is to certify that the project entitled **STRUGGLES & SUFFERINGS IN THE NOVELS OF F. SCOTT FITZGERALD** is a bonafide record of work done by **R.VIJAYALAKSHMI (A20ENEA42)** as a part fulfillment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this project is original and has not been the basis for the award of any other degree or similar titles.

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**Principal**

Place: Cuddalore

Date: 18.5.23

Examiners:

**MONEY AS CULTURAL MEDIATOR IN THE SUN ALSO RISES**  
**A PROJECT SUBMITTED TO**  
**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**IN PARTIAL FULFILMENT OF THE REQUIREMENT**  
**FOR THE AWARD OF THE DEGREE OF**  
**BACHELOR OF ARTS IN ENGLISH**

Submitted by

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**MAY 2023**

## CERTIFICATE

This is to certify that the project entitled **MONEY AS CULTURAL MEDIATOR IN THE SUN ALSO RISES** is a bonafide record of work done by **C.VIMALI VINNARASI (A20ENEA43)** as a part fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to **Thiruvalluvar University, Vellore** carried out by her under my supervision. The matter embodied in this project is original and has not been the basics for the award of any other degree or similar titles.

  
**S.UMAMAGESHWARI, M.A., M.Phil.,**  
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17/5/23

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**Principal**

Place: Cuddalore

Date: 05.05.2023

Examiners:



**JUSTICE AS A MAJOR THEME IN THE SELECT NOVELS OF  
ARTHUR MILLER**

**A PROJECT SUBMITTED TO  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILMENT OF THE REQUIREMENT  
FOR THE AWARD OF THE DEGREE OF  
BACHELOR OF ARTS IN ENGLISH**

Submitted by

**K. YUVASRI**

**(A20ENEA44)**

Under the guidance of

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**CUDDALORE-607001**

**MAY 2023**



## CERTIFICATE

This is to certify that the project entitled **JUSTICE AS A MAJOR THEME IN THE SELECT NOVELS OF ARTHUR MILLER** is a bonafide record of work done by **K. YUVASRI(A20ENEA20)** as a part fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to **Thiruvalluvar University, Vellore** carried out by her under my supervision. The matter embodied in this project is original and has not been the basis for the award of any other degree or similar titles.

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Cuddalore- 1

Principal

Place: Cuddalore

Date: 18/5/23

**RELIGION IN SELECT PLAYS OF J.M.SYNGE**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

**R.RANJITHA**

**(A20ENEA45)**

**Under the guidance of**

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**(AFFILIATED TO THIRUVALLOVAR UNIVERSITY, VELLORE)**

**CUDDALORE-607001**

**MAY 2023**

### CERTIFICATE

This is to certify that the project entitled **RELIGION IN SELECT PLAYS OF J.M.SYNGE** is a bonafide record of work done by **R.RANJITHA (A20ENEA45)** i'm as a part fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this project is original and has not been the basics for the award of any other degree or similar titles.

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Head & Assistant Professor,

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St. Joseph's College of Arts and Science

(Autonomous)

Cuddalore- 1

**Principal**

Place: Cuddalore

Date: 18.5.23

**VIOLENCE AND ITS CONSEQUENCES IN THE NOVELS OF TONI MORRISON**

**A PROJECT SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILLMENT OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

**B. SUJKA**

**(A20ENPA46)**

**Under the guidance of**

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**Asst. Prof., Department of English**



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**CUDDALORE-607001**

**MAY 2023**



## CERTIFICATE

This is to certify that the project entitled **VIOLENCE AND ITS CONSEQUENCES IN THE NOVELS OF TONI MORRISON** is a bonafide record of work done by **B. SUJKA (A20ENEA46)** is part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** Submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this Project is original and has not for the award of any degree.

  
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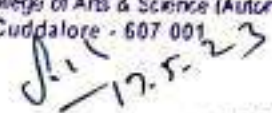
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Cuddalore- 1

**Principal**

Place: Cuddalore

Date: 05.05.2023

Examiners:

**SCIENCE FICTION - A STUDY IN THE SELECTED NOVELS OF H.G.WELLS**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

Submitted by

**R. KOKILA**

**(A20ENEA47)**

Under the guidance of

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**Asst. Prof., Department of English**



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**CUDDALORE-607001**

**MAY 2023**

## CERTIFICATE

This is to certify that the project entitled **SCIENCE FICTION - A STUDY IN THE SELECTED NOVELS OF H.G.WELLS** is a bonafide record of work done by **R.KOKILA (A20ENEA47)** as a part fulfillment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this project is original and has not formed the basis for the award of any degree.

  
**Dr. P. INDHU SAKTHI**

Assistant Professor, Department of English

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**Principal**

Place: Cuddalore

Date:

Examiners:

**STUDY OF SOCIAL CLASS IN SELECT NOVELS OF THOMAS HARDY**

**A PROJECT SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

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**MAY 2023**



### CERTIFICATE

This is certify that the project entitled **STUDY OF SOCIAL CLASS IN SELECT NOVELS OF THOMAS HARDY** is a bonafide record of work done by **V. GOTHAWARI (A20ENEA48)** is part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** Submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this Project is original and has not for the award of any degree.

  
**Dr. P. INDHU SAKTHI**

Assistant Professor, Department of English  
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**Dr. P. Indhu Sakthi, M.A., B.ED., M.Phil., Ph.D.,**

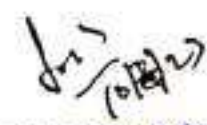
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**V.R. Suresh Kumar, M.A., M.Phil., B.Ed.**  
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**Mr. V. R. Suresh Kumar, M.A., M.Phil.**

Head & Assistant Professor,

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(Autonomous)

Cuddalore- 1

Principal

Place: Cuddalore

Date:

Examiners:

**ADORE AND IMMOLATE**  
**A PROJECT SUBMITTED TO**  
**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**IN PARTIAL FULFILMET OF THE REQUIREMENT**  
**FOR THE AWARD OF THE DEGREE OF**  
**BACHELOR OF ARTS IN ENGLISH**

Submitted by

**S.VAISHNAVI**

**(A20ENEA49)**

Under the guidance of

**Dr. P. Indhu Sakthi, M.A., B.ED., M.Phil., Ph.D.,**

**Asst. Prof., Department of English**



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**CUDDALORE-607001**

**MAY 2023**

### CERTIFICATE

This is certify that the project entitled **ADORE AND IMMOLATE** is a bonafide record of work done by **S. VAISHNAVI (A20ENEA-49)** is part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** Submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to **Thiruvalluvar University, Vellore** carried out by her under my supervision. The matter embodied in this Project is original and has not for the award of any degree.

*P. Indhu Sakthi*

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**Mr. V. R. Suresh Kumar M.A., M.Phil.**

Head & Assistant Professor,

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(Autonomous)

Cuddalore- 1

**Principal**

Place: Cuddalore

Date:

Examiners:

**FREEDOM PRESENTED IN THE SELECTED NOVELS OF CHARLES  
DICKINSON**

**A PROJECT SUBMITTED TO  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILMET OF THE REQUIREMENT  
FOR THE AWARD OF THE DEGREE OF  
BACHELOR OF ARTS IN ENGLISH**

Submitted by

**K KAVIYA**

**(A20ENEA50)**

Under the guidance of

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**Asst. Prof., Department of English**



**PG AND RESEARCH DEPARTMENT OF ENGLISH  
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**CUDDALORE-607001**

**MAY 2023**



## CERTIFICATE

This is to certify that the project entitled **FREEDOM PRESENTED IN THE SELECTED NOVELS OF CHARLES DICKINSON** is a bonafide record of work done by **K KAVIYA (A20ENEA50)** is part of fulfillment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01**, affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this Project is original and has not for the award of any degree.

  
**Dr. P. INDHU SAKTHI**

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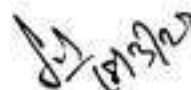
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Cuddalore- 1

**Principal**

Place: Cuddalore

Date:

Examiners:

**SOCIAL STATUS PRESENTED IN THE SELECT WORK OF HENRY JAMES**

**A PROJECT SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

**S. SUBIKSHA**

**(A20ENEA52)**

**Under the guidance of**

**Dr. .P. INDHUSAKTHI M.A., B. ED., M.Phil., Ph.D.,**

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**CUDDALORE-607001**


**MAY 2023**

## CERTIFICATE

This is certify that the project entitled **SOCIAL STATUS PRESENTED IN THE SELECT WORK OF HENRY JAMES** is a bonafide record of work done by S. SUBIKSHA (A20ENEA52) is part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, Submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this project is original and has not been for the award of any degree or similar titles.

  
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Cuddalore- 1

**Principal**

Place: Cuddalore

Date:

Examiners:

**THE TRUST IN THE SELECT NOVELS OF HERMAN MELVILLE**  
**A PROJECT SUBMITTED TO**  
**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**IN PARTIAL FULFILMET OF THE REQUIREMENT**  
**FOR THE AWARD OF THE DEGREE OF**  
**BACHELOR OF ARTS IN ENGLISH**

Submitted by

**P.JOTHI**

(A20ENEA53)

Under the guidance of

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Asst. Prof., Department of English



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**CUDDALORE-607001**

**MAY 2023**



## CERTIFICATE

This is certify that the project entitled **THE TRUST IN THE SELECT NOVELS OF HERMAN MELVILLE** done by P.JOTHI (A20ENEA53) is part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** Submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this Project is original and has not for the award of any degree.

  
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Head & Assistant Professor,

Department of English,

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(Autonomous)

Cuddalore- 1

Principal

Place: Cuddalore

Date:

Examiners:

**ISOLATION AND SUFFERING IN THE SELECT NOVEL OF GRAHAM GREEN**

A PROJECT SUBMITTED TO

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

IN PARTIAL FULFILMET OF THE REQUIREMENT

FOR THE AWARD OF THE DEGREE OF

**BACHELOR OF ARTS IN ENGLISH**

Submitted by

**A.RAVALI**

**(A20ENEA55)**

Under the guidance of

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**Asst. Prof., Department of English**



**PG AND RESEARCH DEPARTMENT OF ENGLISH**

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**CUDDALORE-607001**

**MAY 2023**

### CERTIFICATE

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Cuddalore- 1

**Principal**

Place: Cuddalore

Date:

Examiners:

**POTRAYAL OF FREEDOM IN THE SELECT NOVELS OF MARK TWAIN**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE**

**REQUIREMENT FOR THE AWARD OF THE**

**DEGREE OF BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

**M.ASIRA**

**(A20ENEA56)**

**Under the guidance of**

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**PG AND RESEARCH DEPARTMENT OF ENGLISH**

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**CUDDALORE-607001**

**MAY 2023**



## CERTIFICATE

This is to certify that the project entitled **PORTRAYAL OF FREEDOM IN THE SELECT NOVELS OF MARK TWAIN** is a bonafide record of work done by **M.ASIRA (A20ENEA56)** is part of fulfillment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01**, affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this project is original and has not formed the basis for the award of any degree.

  
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Head & Assistant Professor,

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Cuddalore- 1

**Principal**

Place: Cuddalore

Date:

Examiners:

**PORTRAYAL OF SOCIAL CLASS IN THE SELECT NOVELS OF CHARLES  
DICKENS**

**A PROJECT SUBMITTED TO  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILMENT OF THE REQUIREMENT  
FOR THE AWARD OF THE DEGREE OF  
BACHELOR OF ARTS IN ENGLISH**

Submitted by

**S.KAVIYA BHARATHI**

**(A20ENEA58)**

Under the guidance of

**Dr. P. Indhu Sakthi, M.A., B.ED., M.Phil., Ph.D.,**




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ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)  
CUDDALORE-607001**

**MAY 2023**

## CERTIFICATE

This is certify that the project entitled **PORTRAYAL OF SOCIAL CLASS IN THE SELECT NOVELS OF CHARLES DICKENS** is a bonafide record of work done by **S.KAVIYA BHARATHI (A20ENEA58)** is part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** Submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this Project is original and has not for the award of any degree.

  
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Assistant Professor, Department of English  
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Cuddalore- 1

**Principal**

Place: Cuddalore

Date:

Examiners:

**THE CONCEPT OF CONSUMERISM AND GREED IN KENNETH GRAHAME'S  
*THE WIND IN THE WILLOW***

**A PROJECT SUBMITTED TO  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILMET OF THE REQUIREMENT  
FOR THE AWARD OF THE DEGREE OF  
BACHELOR OF ARTS IN ENGLISH**

Submitted by

**P.CHARUMATHI**

**(A20ENEA69)**

Under the guidance of

**MS.W.ANGEL , M.A., MBA., M.Phil.,**

**Asst. Prof., Department of English**



**PG AND RESEARCH DEPARTMENT OF ENGLISH  
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(AFFILATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)  
CUDDALORE-607001**

**MAY 2023**



## CERTIFICATE

This is certify that the project entitled **THE CONCEPT OF CONSUMERISM AND GREED IN KENNETH GRAHAME'S THE WIND IN THE WILLOW** is a bonafide record of work done by **P.CHARUMATHI (A20ENEA69)** is part of fulfillment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** Submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE - 01** affiliated to **Thiruvalluvar University, Vellore** carried out by her under my supervision. The matter embodied in this Project is original and has not for the award of any titles.

*Angel W*

**W. ANGEL, M.A., MBA., M.Phil.,**

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*V.R.*

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**Mr. V. R. Suresh Kumar M.A., M.Phil. B.Ed**

Head & Assistant Professor,

Department of English,

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Cuddalore- 1

**PRINCIPAL**

Place: Cuddalores

Date:

Examiners:

**RACISM IN THE SELECT WORKS OF TONI MORRISON**  
**A PROJECT SUBMITTED TO**  
**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**IN PARTIAL FULFILMET OF THE REQUIREMENT**  
**FOR THE AWARD OF THE DEGREE OF**  
**BACHELOR OF ARTS IN ENGLISH**

Submitted by

**S. JAYASRI**

**(A20ENEA71)**

Under the guidance of

**Ms. W. Angel M.A., M.Phil.,**

**Asst. Prof., Department of English**



**PG AND RESEARCH DEPARTMENT OF ENGLISH**  
**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**  
**CUDDALORE-607001**

**MAY 2023**

## CERTIFICATE

This is to certify that the project entitled **RACISM IN THE SELECT WORKS OF TONI MORRISON** is a bonafide record of work done **S. JAYASRI (A20ENEA71)** by is part of fulfillment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this Project is original and has not for the award of any degree.

  
**W. ANGEL**, M.A., MBA., M.Phil.,  
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**PRINCIPAL**

Place: Cuddalore

Date:

Examiners:



THE CONCEPT OF PARALLELISM IN  
THE SELECTWORKS OF C.S.LEWIS  
A PROJECT SUBMITTED TO  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILMET OF THE REQUIREMENT  
FOR THE AWARD OF THE DEGREE OF  
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Submitted by

S.MADHUMITHA

(A20ENEA73)

Under the guidance of

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MAY 2023

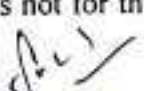


## CERTIFICATE

This is certify that the project entitled **THE CONCEPT OF PARALLELISM IN THE SELECT WORKS OF "C.S.LEWIS"** is a bonafide record of work done by **S. MADHUMITHA (A20ENEA73)** is part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** Submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),**

**CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my-supervision. The matter embodied in this Project is original and has not for the award of

  
**W. ANGEL, M.A., MBA., M.Phil.,**  
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Assistant Professor,  
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**Principal**

Place: Cuddalore

Date:

Examiners:

**REALISM IN TOM SAWYER & HUCKLEBERRY FINN IN THE  
SELECTED WORKS OF MARK TWAIN**

A PROJECT SUBMITTED TO

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

IN PARTIAL FULFILMET OF THE REQUIREMENT

FOR THE AWARD OF THE DEGREE OF

**BACHELOR OF ARTS IN ENGLISH**

Submitted by

**D.TAMIZHARASI**

**(A20ENEA74)**

Under the guidance of

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(AFFILATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)  
CUDDALORE-607001  
MAY 2023**

## CERTIFICATE

This is certify that the project entitled **REALISM IN TOM SAWYER & HUCKLEBERRY FINN IN THE SELECTED WORKS OF MARK TWAIN** is a bonafide record of work done

**D.TAMIZHARASI (A20ENEA74)** by is part of fulfilment for the award of the degree of

**BACHELOR OF ARTS IN ENGLISH** submitted to **ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under mu supervision. The matter embodied in this Project is original and has not for the award of any degree.



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PRINCIPAL

Place: Cuddalore

Date:

Examiners:



**PORTRAYAL OF ADVENTURES IN THE SELECT WORK OF HUGH LOFTING**

**A PROJECT SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

**Submitted by**

**P. KAMALI**

**(A20ENEA75)**

**Under the guidance of**

**MS. W.ANGEL, M.A., MBA., M.Phil.,**

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## CERTIFICATE

This is certified that the project entitled **PORTRAYAL OF ADVENTURES IN THE SELECT WORK OF HUGH LOAFTING** is a bonafide record of work done by **P. KAMALI (A20ENEA75)** is part of fulfillment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH** Submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this Project is original and has not for the award of any degree.

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**NATURALISM AND REALISM IN THE SELECTED WORKS OF STEPHEN CRANE**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

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## CERTIFICATE

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Examiners:



**STUDY OF MATERIALISM IN SELECT WORKS OF F.SCOTT.FITZGERALD**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**BACHELOR OF ARTS IN ENGLISH**

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Place: Cuddalore

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**DOMESTIC ISSUES PORTRAYED IN THE SELECT NOVELS OF  
JOHNSTEINBECK**

**A PROJECT SUBMITTED TO  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE  
DEGREE OF  
BACHELOR OF ARTS IN ENGLISH**

**Submitted by  
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**Under the guidance of  
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This is to certify that the project entitled **DOMESTIC ISSUES PORTRAYED IN THESELECT NOVELS OF JOHN STEINBECK** is a bonafide record of work done by **K.SASIKALA (A20ENEA79)** as a part fulfillment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, submitted to **ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this project is original and has not been the basics for the award of any other degree or similar

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**A STUDY OF INNOCENCE AND RESPECT IN THE SELECT WORK  
OF HENRY JAMES**

**A PROJECT SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMET OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

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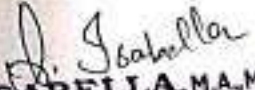
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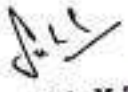
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**Principal**

Place: Cuddalore

Date:

Examiners:

**SOCIAL ISSUES AND MORAL VALUES IN JANE AUSTEN'S**  
**A PROJECT SUBMITTED TO**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**IN PARTIAL FULFILMET OF THE REQUIREMENT**  
**FOR THE AWARD OF THE DEGREE OF**  
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Submitted by

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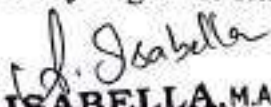


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This is certify that the project entitle **SOCIAL ISSUES AND MORAL VALUES IN JANE AUSTEN'S** IS a bonafide record of work done by **A. THENRAL RANI** is part of fulfilment for the award of the degree of **BACHELOR OF ARTS IN ENGLISH**, Submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this project is original and has not been for the award of any degree or similar titles.

  
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Place: Cuddalore

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Examiners:



**QUEST FOR IDENTITY IN THE SELECT WORKS OF SHASHI DESHPANDE**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT**

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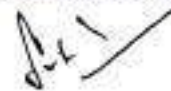
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Place: Cuddalore

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Examiners:

**SOCIAL DISCRIMINATION IN THE SELECT WORK OF**  
**ARUNDHATI RAY**  
**A PROJECT SUBMITTED TO**  
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**IN PARTIAL FULFILMET OF THE REQUIREMENT**  
**FOR THE AWARD OF THE DEGREE OF**  
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**Principal**

Place: Cuddalore

Date:

Examiners:



**NATURALISM AND REALISM IN THE SELECTED WORKS OF STEPHEN CRANE**

**A PROJECT SUBMITTED TO**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE  
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**MAY 2023**



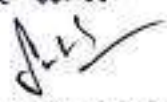
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Place: Cuddalore

Date:

Examiners:

**A STUDY OF FAMILY RELATIONSHIP AND FRIENDSHIP IN THE SELECT  
NOVELS OF R. K. NARAYAN**

**A PROJECT SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

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**THE STUDY OF ISOLATION AND ALIENATION IN THE SELECT  
WORKS OF ERNEST HEMINGWAY**

**A PROJECT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILLMENT OF THE REQUIREMENT**

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**MAY 2023**

**FLASHBACK AND FORESHADOWING IN THE SELECT WORK OF  
WILLIAM FAULKNER**  
A PROJECT SUBMITTED TO  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
IN PARTIAL FULFILMET OF THE REQUIREMENT  
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**SUFFERING AND HUMANITY IN SELECT WORK OF SAMUEL BECKETT**

A PROJECT SUBMITTED TO

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IN PARTIAL FULFILMET OF THE REQUIREMENT

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**ESCAPISM IN TENNESSEE’S SELECT WORKS OF TENNESSEWILLIAMS**

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**DOMESTIC ISSUES PORTRAYED IN THE SELECT NOVELS OF JOHN  
STEINBECK**

A PROJECT SUBMITTED TO

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

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**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(AFFILATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**

**CUDDALORE-607001**

**MAY 2023**

**THE HUMAN CONDITION AND THE SEARCH FOR MEANING IN  
*THE STRANGER AND THE PLAGUE* BY ALBERT CAMUS**

**A PROJECT SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF THE  
DEGREE OF**

**MASTER OF ARTS IN ENGLISH**

**Submitted by**

**ABILASH. I**

**(A21MAE01)**

**Under the guidance of**

**Mr. B. PRABAKARAN, M.A., M.Phil., B.Ed., NET, SET,**

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**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
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**CUDDALORE-607 001**

**MAY 2023**



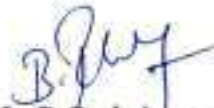
## CERTIFICATE

This is to certify that the project entitled **THE HUMAN CONDITION AND THE SEARCH FOR *THE STRANGER* AND *THE PLAGUE* BY ALBERT CAMUS** is a bonafide record of the research work done by **ABILASH. I, (A21MAE01)** in partial fulfilment for the award of the degree of **MASTER OF ARTS IN ENGLISH** submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-01**, affiliated to Annamalai University, Annamalai Nagar, carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.



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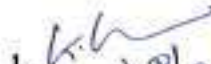
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**Place: Cuddalore**

**Date: 18.05.2023**

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**SOCIAL AND ECONOMIC INEQUALITY IN SELECTED  
NOVELS OF NAYANTHARA SAGHAL**

**A PROJECT SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF**

**MASTER OF ARTS IN ENGLISH**

**Submitted by**

**AJEETH KUMAR. A**

**(A21MAE02)**

**Under the guidance of**

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**CUDDALORE-607 001**

**MAY 2023**

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This is to certify that the project titled **SOCIAL AND ECONOMIC INEQUALITY IN SELECTED NOVELS OF NAYANTHARA SAGHAL** is a bonafide record of the research work done by **AJEETH KUMAR. A, (A21MAE02)** in partial fulfilment for the award of the degree of **MASTER OF ARTS IN ENGLISH** submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-01**, affiliated to Annamalai University, Annamalai Nagar, carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.



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1.  18/05/2023 2

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**AN ANALYSIS ON SELECTED POEMS OF PHILLIS  
WHEATLEY: A POET ENSLAVED AND ENLIGHTENED**

**A PROJECT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF**

**MASTER OF ARTS IN ENGLISH**

Submitted by

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**(A21MAE03)**

Under the guidance of

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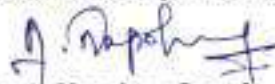
## CERTIFICATE

This is to certify that the project titled **AN ANALYSIS ON SELECTED POEMS OF PHILLIS WHEATLEY: A POET ENSLAVED AND ENLIGHTENED** is a bonafide record of the research work done by **ANBOLI P, (A21MAE03)** in partial fulfilment for the award of the degree of **MASTER OF ARTS IN ENGLISH** submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-01** Affiliated to Annamalai University, Annamalai Nagar, carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.



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**SELF-IDENTITY AND GENDER INEQUALITY IN THE SELECT  
NOVELS OF SHASHI DESHPANDE**

**A PROJECT SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF**

**MASTER OF ARTS IN ENGLISH**

**Submitted by**

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**(A21MAE04)**

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**MAY 2023**

## CERTIFICATE

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**A PSYCHOANALYTIC EXPLORATION IN THE SELECT  
NOVELS OF DORIS LESSING**

**A PROJECT SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
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**IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF  
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**MASTER OF ARTS IN ENGLISH**

**Submitted by**

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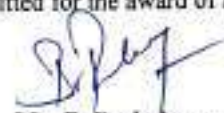


## CERTIFICATE

This is to certify that the project titled **A PSYCHOANALYTIC EXPLORATION IN THE SELECT NOVELS OF DORIS LESSING** is a bonafide record of the research work done by **JONA.P, (A21MAE07)** in partial fulfilment for the award of the degree of **MASTER OF ARTS IN ENGLISH** submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-01**, Affiliated to Annamalai University, Annamalai Nagar, carried out by her under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.

  
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**VIOLENCE AGAINST THE BLACKS IN THE SELECT NOVELS  
OF ALICE WALKER**

**A PROJECT SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF  
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**MASTER OF ARTS IN ENGLISH**

Submitted by

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**(A21MAE08)**

Under the guidance of

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**MAY 2023**

## CERTIFICATE

This is to certify that the project titled **VIOLENCE AGAINST THE BLACKS** IN THE SELECT NOVELS OF ALICE WALKER is a bonafide record of the research work done by **KAMARAJ B, (A21MAE08)** in partial fulfilment for the award of the degree of **MASTER OF ARTS IN ENGLISH** submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-01**, affiliated to Annamalai University, Annamalai Nagar, carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.



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**AMERICAN DREAM IN THE SELECT NOVELS OF  
ARTHUR MILLER**

A PROJECT SUBMITTED TO

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IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF THE  
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**MARGINALISATION IN SELECTED WORKS OF  
AMITAV GHOSH**

**A PROJECT SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
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**IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF  
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**Submitted by**

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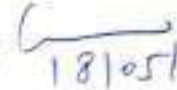
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**THE PORTRAYAL OF WOMEN IN SELECT NOVELS OF**

**BAPSI SIDHWA**

A PROJECT SUBMITTED TO

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF  
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Submitted by

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**MAY 2023**



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This is to certify that the project titled **THE PORTRAYAL OF WOMEN IN SELECT NOVELS OF BAPSI SIDHWA** is a bonafide record of the research work done by **L. KEERTHIKA, (A21MAE11)** in partial fulfilment for the award of the degree of **MASTER OF ARTS IN ENGLISH** submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-01**, affiliated to Annamalai University, Annamalai Nagar, carried out by her under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.



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**Place: Cuddalore**

**Date: 18/05/23**

**Examiners:**

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**RACIAL INTOLERANCE IN THE SELECT WORKS OF CARYL**

**PHILIPS**

A PROJECT SUBMITTED TO

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**(AUTONOMOUS)**

IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF

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Submitted by

**KIRUBANITHI .M**

**(A21MAE13)**

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**Asst. Prof. Department of English**



**PG & RESEARCH DEPARTMENT OF ENGLISH**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS)**

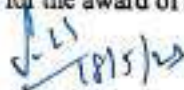
*(Affiliated to Annamalai University, Chidambaram)*

**CUDDALORE-607001**

**May -2023**

## CERTIFICATE

This is to certify that the project entitled **Racial Intolerance in The Select Works of Caryl Phillips** is a bonafide record of the research work done by **KIRUBANITHI .M., (A21MAE13)** in partial fulfilment for the award of the degree of **Master of Arts in English** submitted to **St. Joseph's College of Arts & Science (Autonomous), Cuddalore-01** Affiliated to Annamalai University, Annamalai Nagar carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.

  
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Place : Cuddalore

Date : 18.05.23

Examiners:

- 1.
- 2.

  
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**SOCIAL OBLIGATION VS SOCIAL DIVISION IN THE SELECT  
NOVELS OF ARUNDHATI ROY**  
A PROJECT SUBMITTED TO  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**  
IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF  
**MASTER OF ARTS IN ENGLISH**

Submitted by

**LOGESHWARI. P**  
**(A21MAE15)**

Under the guidance of

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**(AUTONOMOUS)**

**CUDDALORE-607 001**

**MAY 2023**



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**NATURALISM AND MIGRATION IN THE SELECTED WORKS  
OF JOHN STEINBECK**

A PROJECT SUBMITTED TO

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF  
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## CERTIFICATE

This is to certify that the project titled **NATURALISM AND MIGRATION IN SELECTED WORKS OF JOHN STEINBECK** is a bonafide record of the research work done by **MUTHU ANU SUVETHA M, (A21MAE17)** in partial fulfilment for the award of the degree of **MASTER OF ARTS IN ENGLISH** submitted to **St. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-01**, affiliated to Annamalai University, Annamalai Nagar, carried out by her under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.



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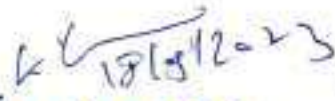
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1.  18/5/23 2.

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**ECONOMIC CRISIS AND EXPLOITATION OF INDIAN  
SOCIETY IN THE SELECT NOVELS OF  
ARAVIND ADIGA**

**A PROJECT SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
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**IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF**

**MASTER OF ARTS IN ENGLISH**

**Submitted by**

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**MAY 2023**



## CERTIFICATE

This is to certify that the project entitled **ECONOMIC CRISIS AND EXPLOITATION OF INDIAN SOCIETY IN THE SELECT NOVELS OF ARAVIND ADIGA** is a bonafide record of the research work done by **PRADEEPA R. (A21MAE18)** in partial fulfilment for the award of the degree of **MASTER OF ARTS IN ENGLISH** submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-01**, affiliated to Annamalai University, Annamalai Nagar carried out by her under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.



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**RACISM AND DARK STRUGGLES IN SELECTED NOVELS OF  
COLSON WHITEHEAD**

A PROJECT SUBMITTED TO

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

IN PARTIAL FULFILMENT OF THE REQUIREMENT  
FOR

THE AWARD OF THE DEGREE OF  
**MASTER OF ARTS IN ENGLISH**

Submitted by

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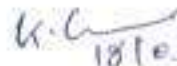
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**CORRUPTION OF MONEY IN THE SELECT NOVELS OF**

**SUDHA MURTY**

**A PROJECT SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF**

**MASTER OF ARTS IN ENGLISH**

**Submitted by**

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**MAY 2023**




## CERTIFICATE

This is to certify that the project titled **CORRUPTION OF MONEY IN THE SELECT NOVELS OF SUDHA MURTY** is a bonafide record of the research work done by **SIVA SANKARI K, (A21MAE20)** in partial fulfilment for the award of the degree of **MASTER OF ARTS IN ENGLISH** submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Annamalai University, Annamalai Nagar, carried out by her under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.

  
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**THE ETHICAL CHALLENGE OF RACISM IN SELECTED  
NOVELS OF LOUISE ERDRICH - A STUDY**

**A PROJECT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
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**IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF THE  
DEGREE OF**

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**Submitted by  
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**MAY 2023**

## CERTIFICATE

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**RECREATING HEROISM AND SUBALTERN READING IN  
SELECTED WORK OF ANAND NEELAKANTAN**

**A PROJECT SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
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**IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF**

**THE DEGREE OF**

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This is to certify that the project titled **RECREATING HEROISM AND SUBALTERN READING IN SELECTED WORK OF ANAND NEELAKANTAN** is a bonafide record of the research work done by **THIRUMAVALAVAN K, (A21MAE22)** in partial fulfillment for the award of the degree of **MASTER OF ARTS IN ENGLISH** submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-01**, affiliated to Annamalai University, Annamalai Nagar, carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.



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**A POSTCOLONIAL STUDY ON THE PREDICAMENT OF  
SOCIO-RELIGIOUS AND IDENTITY DISCRIMINATION IN THE  
SELECT NOVELS OF ZADIE SMITH**

**A PROJECT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF THE  
DEGREE OF**

**MASTER OF ARTS IN ENGLISH**

**Submitted by**

**VIJAY ANANDH. V**

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This is to certify that the project titled **A POSTCOLONIAL STUDY ON THE  
PREDICAMENT OF SOCIO-RELIGIOUS AND IDENTITY DISCRIMINATION  
IN THE SELECT NOVELS OF ZADIE SMITH** is a bonafide record of the research  
work done by **VIJAY ANANDH V, (A21MAE23)** in partial fulfilment for the award of  
the degree of **MASTER OF ARTS IN ENGLISH** submitted to **ST. JOSEPH'S  
COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-01**, affiliated  
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**MODERNITY AND GENDER BIAS IN WOLE SOYINKA'S**

***THE LION AND THE JEWEL***

**A PROJECT SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF THE  
DEGREE OF**

**MASTER OF ARTS IN ENGLISH**

**Submitted by**

**VIJAYVARMA. V. G**

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**Place: Cuddalore**

**Date: 18/05/2023**

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1.  18/05/2023 2.

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**PERCEPTION OF RELIGIOUS INEQUALITY IN THE SELECT  
NOVELS OF KURT VONNEGUT**

A PROJECT SUBMITTED TO

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF  
**MASTER OF ARTS IN ENGLISH**

Submitted by

**A.SATHIYA PRIYA  
(A21MAE26)**

Under the guidance of

**Dr. P. INDHU SAKTHI, M.A.,B.Ed.,M.Phil.,Ph.D.,**

**ASSISTANT PROFESSOR,**

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**CUDDALORE-607 001**

**MAY – 2023**

## CERTIFICATE

This is to certify that the project titled **PRECEPTION OF RELIGIOUS INEQUALITY IN THE SELECT NOVELS OF KURT VONNEGUT** is a bonafide record of the project work done by **A. SATHIYA PRIYA., (A21MAE26)** in partial fulfilment for the award of the degree of **MASTER OF ARTS IN ENGLISH** submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Annamalai University, Annamalai Nagar, carried out by her under my supervision. The matter embodied in this Project is original and has not been submitted for the award of any other degree.



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**TRAGEDY OF ALIENATION IN THE SELECT NOVELS OF**

**KAMALA MARKANDAYA**

**A PROJECT SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF**

**MASTER OF ARTS IN ENGLISH**

Submitted by

**VIJAY SHARMA R**

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**CUDDALORE-607 001**

**MAY 2023**




## CERTIFICATE

This is to certify that the project entitled **Racial Discrimination in the Select Novels of Kamala Markandaya** is a bonafide record of the research work done by **VIJAY SHARMA R , (A21MAE27)** in partial fulfilment for the award of the degree of Master of Arts in English submitted to **St. Joseph's College of Arts & Science (Autonomous), Cuddalore-01** Affiliated to Annamalai University, Annamalai Nagar carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.

  
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VADALUR - 607 303.

**GENDER PREJUDICE, WAR AND TRAUMA IN SELECT  
NOVELS OF CHIMAMANDA ADICHIE**

**A PROJECT SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF**

**MASTER OF ARTS IN ENGLISH**

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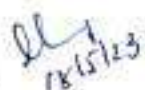
**MAY 2023**

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This is to certify that the project titled **GENDER PREJUDICE, WAR AND TRAUMA IN SELECT NOVELS OF CHIMAMANDA ADICHIE** is a bonafide record of the research work done by **N. SOUNDHARYA, (A21MAE28)** in partial fulfillment for the award of the degree of **MASTER OF ARTS IN ENGLISH** submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Annamalai University, Annamalai Nagar, carried out by her under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.

  
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**NAUTICAL WAY AND SEARCH FOR MEANING IN THE SELECT NOVEL OF**

**HERMAN MELVILLE**

**A PROJECT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF THE  
DEGREE OF**

**MASTER OF ARTS IN ENGLISH**

Submitted by

**REEGAN R. J**

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## CERTIFICATE

This is to certify that the project titled **NAUTICAL WAY AND SEARCH FOR MEANING IN THE SELECT NOVEL OF HERMAN MELVILLE** is a bonafide record of the research work done by **REEGAN R. J, (A21MAE29)** in partial fulfillment for the award of the degree of **MASTER OF ARTS IN ENGLISH** submitted to **ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-01** affiliated to Annamalai University, Annamalai Nagar, carried out by him under my supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.



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**AN ANALYSIS ON BETRAYAL AND REDEMPTION IN THE  
SELECT NOVELS OF KHALED HOSSEINI**

**A PROJECT SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
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**IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF  
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**LOSS OF IDENTITY IN THE SELECT NOVELS OF RALPH ELLISON**

**A PROJECT SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
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**IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF THE  
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**ELEMENTS OF COLONIALISM IN THE SELECT WORKS OF  
SHASHI THAROOR**

**A PROJECT SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF**

**THE DEGREE OF**

**MASTER OF ARTS IN ENGLISH**

**Submitted by**

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# **RENTAL MANAGEMENT APPLICATION**

A Mini-Project Report

Submitted for the partial fulfilment for the award of the degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

by

**K. BALAMURUGAN (A20CADA56)**

**M. KATHIRAVAN (A20CADA15)**

**V. SUDHARSAN (A20CADA39)**

Under the Guidance of

**Dr. R. ARUNA KIRITHIKA., M.C.A., M.Phil., Ph.D.,**  
(Asst. Professor, Post Graduate Department of Computer Applications)



**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Thiruvalluvar University, Vellore)

**CUDDALORE-607001**

**MAY-2023**



## CERTIFICATE

This is to certify that the mini project report entitled

### RENTAL MANAGEMENT APPLICATION

Being Submitted to

St. Joseph's College of Arts and Science (Autonomous)

Cuddalore-1

(Affiliated to Thiruvalluvar University, Vellore)

by

K. BALAMURUGAN (A20CADA56)

M. KATHIRAVAN (A20CADA15)

V. SUDHARSAN (A20CADA39)

For the partial fulfilment for the award of degree of

### BACHELOR OF COMPUTER APPLICATIONS

is a bonafide record of work carried out by them, Under  
my guidance and supervision.

*Aruna Kirithika*  
Internal Guide

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Cuddalore - 607 001.

Submitted for the viva-voce examination on 2/5/2023

Examiners:

1. *S. V. Arun*

2. *Dr. R. Aruna Kirithika*

02/05/23

# **BLOOD BANK MANAGEMENT SYSTEM**

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

Submitted

by

**AASHIK SHARIFF A (A20CADA01)**

**DEVANATHAN M (A20CADA05)**

**MOHAMED SHEIK ABDULLA A (A20CADA22)**

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**MAY - 2023**

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This is to certify that the Mini Project entitled

## BLOOD BANK MANAGEMENT SYSTEM

Being submitted to

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By

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MOHAMED SHEIK ABDULLA A (A20CADA22)

for the partial fulfillment for the award of degree of

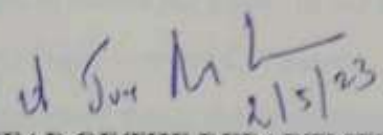
## BACHELOR OF COMPUTER APPLICATIONS

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.

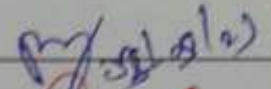
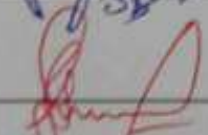
  
INTERNAL GUIDE

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1.   
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02/05/23

# **ONLINE LEAVE MANAGEMENT SYSTEM**

A Mini Project Report

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**

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**MAY – 2023**



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**ONLINE LEAVE MANAGEMENT SYSTEM**

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**BACHELOR OF COMPUTER APPLICATIONS**

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.

*Verfi*

**INTERNAL GUIDE**

*d. Tar M 21/5/22*

**HEAD OF THE DEPARTMENT**

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**Examiners:**

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# **AGRIMART**

**Agriculture E-Commerce Website**

**A Mini Project Report**

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**GOKUL.S (A20CADA08)**

**PRAJEETH.P (A20CADA26)**

**PRADEESH KUMAR.K (A20CADA25)**

**Under the Guidance of**

**Mr.J.Robert Adaikalaraj., M.S.(IT)., M.phil.,**

**(Asst. Professor, Post Graduate Department of Computer Applications)**



**PG DEPARTMENT OF COMPUTER APPLICATIONS  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS) AFFILIATED TO THIRUVALLUVAR  
UNIVERSITY, VELLORE CUDDALORE-607001**

**MAY 2023**

# CERTIFICATE

This is to certified that the mini project entitled

## AGRIMART

Agriculture E-Commerce Website

Being Submitted to the St. Joseph's College of Arts and Science (Autonomous),

Cuddalore-1

(Affiliated to Thiruvalluvar University, Vellore)

By

GOKUL.S (A20CADA08)

PRAJEETH.P (A20CADA26)

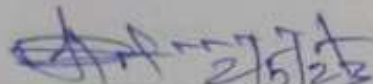
PRADEESH KUMAR.K (A20CADA25)

For the partial fulfillment for the award of degree of

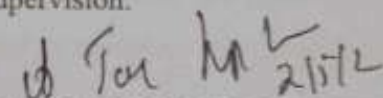
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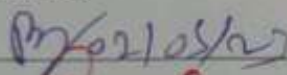

  
INTERNAL GUIDE

J. ROBERT ADAKALARI, M.S.(M), M.Phil.,  
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(Autonomous)  
Cuddalore - 607 001.

Submitted for the viva-voce examination held on 02/05/2023

Examiners:

1.   
21/05/23
2.   
21/05/23

# METAL SHOP MANAGEMENT SYSTEM

A Mini Project Report

submitted for the partial fulfillment for the award of *degree of*

**BACHELOR OF COMPUTER APPLICATIONS**

by

HARISH RAJ P (A20CADA11)

BARATHAN K (A20CADA04)

AZARUDEEN M (A20CADA03)

SURESH M (A20CADA40)

under the guidance of

**Dr.R.ROSELINE,MCA.,M.Phil.,Ph.D.,**

(Assistant Professor, PG Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
**ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
**CUDDALORE-607001**

**(AFFILIATED TO THIRUVALLUR UNIVERSITY-VELLORE)**

**MAY-2023**



## CERTIFICATE

This is to certify that the mini project entitled  
**METAL SHOP MANAGEMENT SYSTEM**  
being submitted to

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**  
(AUTONOMOUS)

(Affiliated to Thiruvallur University, Vellore), By

**HARISH RAJ P (A20CADA11)**

**BARATHAN K (A20CADA04)**

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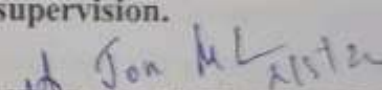
for the partial fulfillment for the award of degree of

## BACHELOR OF COMPUTER APPLICATIONS

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INTERNAL GUIDE

**Dr. R. ROSELINE, M.C.A., M.Phil., Ph.D.,**  
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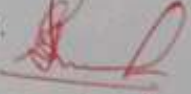
  
HEAD OF THE DEPARTMENT

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Submitted for Viva-Voce Examination held on 02/05/2023

Examiners:

1.  02/05/23

2.  02.05.23

# **STUDENT FORUM**

A Mini Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

Submitted

by

**KEERTHIE VASAN RS (A20CADA16)**

**JAYAKUMAR R (A20CADA13)**

**PRAVEEN KUMAR M (A20CADA27)**

under the guidance of

**Mrs.R.VIDHYA LAKSHMI,M.C.A.,M.Phil.,**

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**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Thiruvalluvar University, Vellore)

**CUDDALORE - 607001**

**May - 2023**

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## STUDENT FORUM

Being submitted to

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**JAYAKUMAR R (A20CADA13)**

**PREEVEN KUMAR M (A20CADA27)**

for the partial fulfillment for the award of degree of

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*B. Vidhyalakshmi*

*Dr. John*  
HEAD OF THE DEPARTMENT

*21/5/23*  
**Dr. A. JOHN PRADEEP EBENEZER, M.C.A, M.Phil, Ph.D.**  
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Cuddalore - 607 001.

Submitted for the viva-voce examination held on

Examiners:

1. *[Signature]*

2. *[Signature]*

*02/05/23*

# **Bookstore Management System**

A Mini Project Report

Submitted for the partial fulfilment for

the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

By

**P. LINGESHWARAN (A20CADA18)**

**S. PRADEEP (A20CADA24)**

**A. STENIS FRANKLIN (A20CADA38)**

under the Guidance of

**Dr. A. JOHN PRADEEP EBENEZER., M.C.A., M.Phil.,**

**Head of the Department and Assistant Professor**

**(Post Graduate Department of Computer Applications)**



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

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**AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE**

**CUDDALORE-607001**

**April/MAY - 2023**



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### **Bookstore Management System**

being submitted to the

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By

**Mr. P. LINGESHWARAN (A20CADA18)**

**Mr. S. PRADEEP (A20CADA24)**

**Mr. A. STENIS FRANKLIN (A20CADA38)**

For the partial fulfilment for the award of degree of

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*Dr. A. John Pradeep Ebenezer*  
29/4/23

**INTERNAL GUIDE**

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29/4/23

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Cuddalore - 607 001.

Submitted for the viva-voice examination held on 02/05/2023

**Examiners:**

1.

*Dr. A. John Pradeep Ebenezer*  
02/05/23

2.

*Dr. A. John Pradeep Ebenezer*  
02/05/23

# **RAILWAY PROMPT**

A Mini Project Report  
Submitted for the partial fulfilment for  
the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

By

**K. MANIMARAN (REG.NO: A20CADA19)**  
**S. ROSHAN MANUEL (REG.NO: A20CADA31)**  
**N. VASU (REG. NO: A20CADA45)**

under the Guidance of

**Mrs. K. PADMAVATHI M.Sc., M.Phil., SET**

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE**

**CUDDALORE-607001**

**May - 2023**

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## RAILWAY PROMPT

being submitted to the

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by

Mr. K. MANIMARAN (REG.NO: A20CADA19)

Mr. S. ROSHAN MANUEL (REG.NO: A20CADA31)

Mr. N. VASU (REG. NO: A20CADA45)

For the partial fulfilment for the award of degree of

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*K. Manimaran*  
INTERNAL GUIDE

*Ed Gov In 2/5/23*  
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Cuddalore - 607 003

Submitted for the viva-voice examination held on 02.05.2023

Examiners:

1. *[Signature]*

2. *[Signature]*  
*02/05/23*

# **REAL ESTATE MANAGEMENT SYSTEM**

A Mini-Project Report

Submitted for the partial fulfillment for the award of the degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

by

**K.PREMKUMAR(A20CADA28)**

**T.SURYA(A20CADA41)**

**N.IYYANAR(A20CADA12)**

Under the Guidance of

**Dr.G. SURESH., M.C.A., M.Phil., Ph.D.,**

(Asst. Professor, Post Graduate Department of Computer Applications)



**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Thiruvalluvar University, Vellore)

**CUDDALORE-607001**

**MAY-2023  
CERTIFICATE**



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**REAL ESTATE MANAGEMENT SYSTEM**

Being Submitted to

**St. Joseph's College of Arts and Science (Autonomous)**

Cuddalore-607001

(Affiliated to Thiruvalluvar University, Vellore)

by

**K.PREMKUMAR(A20CADA28)**

**T.SURYA(A20CADA41)**

**N.IYYANAR(A20CADA12)**

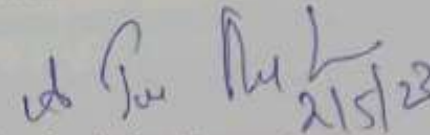
For the partial fulfillment for the award of degree of  
**BACHELOR OF COMPUTER APPLICATIONS**

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**Dr. G. SURESH, M.C.A., M.Phil., Ph.D.,**  
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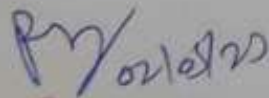
  
Head of the Department

**Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil., Ph.D.,**  
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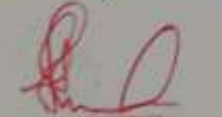
Submitted for the viva-voce examination on 02.05.2023

Examiners:

1.

  
02/05/23

2.

  
02/05/23

# **HOSPITAL MANAGEMENT SYSTEM**

A Mini-Project Report

Submitted for the partial fulfillment for the award of the degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

by

**S.RAJARAM (A20CADA29)**

**K.HARIDHARAN (A20CADA10)**

**S.NAVEEN KUMAR (A20CADA23)**

Under the Guidance of

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**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

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by

**S.RAJARAM (A20CADA29)**

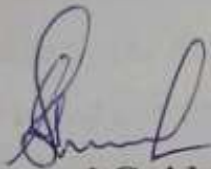
**K.HARIDHARAN (A20CADA10)**

**S.NAVEEN KUMAR (A20CADA23)**

For the partial fulfillment for the award of degree of  
**BACHELOR OF COMPUTER APPLICATIONS**

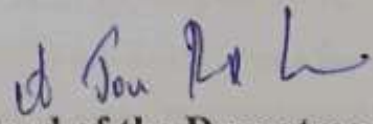
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**Internal Guide**

**Dr. G. SURESH, M.C.A., M.Phil., Ph.D.,**  
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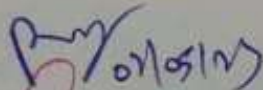
**Head of the Department**

**Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil., Ph.D.,**  
HOD & Assistant Professor  
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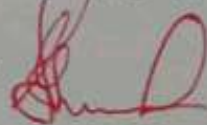
Submitted for the viva-voce examination on 02/05/2023 Cuddalore - 607 001.

Examiners:

1.



2.



02/05/23

# **ONLINE EXAMINATION SYSTEM**

A Mini Project Report

submitted for partial fulfillment for the award of the degree of

**BACHELOR OF COMPUTER APPLICATION**

by

**RAVI KUMAR D (A20CADA30)**

**SHARMA S (A20CADA35)**

**SAKIB HUSSAIN M (A20CADA52)**

under the guidance of

**Mr.C.JUSTIN MARSHAL,M.Sc(IT).,M.Phil.,**

(Assistant Professor, Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**(AFFILATED TO THIRUVALLUR UNIVERSITY-VELLORE)**

**MAY-2023**



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for the partial fulfillment for the award of the degree of

### BACHELOR OF COMPUTER APPLICATIONS

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*C. Justin Marsh*  
INTERNAL GUIDE

*Dr. John Pradeep Ebenezer*  
HEAD OF THE DEPARTMENT

**C. JUSTIN MARSH**  
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Cuddalore - 607 001

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Submitted for Viva-Voce Examination held on 02/05/2023

Examiners:

1.

*[Signature]*  
02/05/23

2.

*[Signature]*  
03/05/23

# **GYM MANAGEMENT SYSTEM**

A mini Project Report

Submitted for the partial fulfillment for

the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

Submitted

by

**MR. SANTHALINGAM M (A20CADA33)**

**MR. SAKTHIYA N (A20CADA51)**

**MR. SOMASUNDHARAM B (A20CADA37)**

under the Guidance of

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**(Affiliated to Thiruvalluvar University, Vellore)**

**CUDDALORE – 1**

**MAY – 2023**

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### **GYM MANAGEMENT SYSTEM**

Being submitted to

St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1

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by

**MR. SANTHALINGAM M (A20CADA33)**

**MR. SAKTHIYA N (A20CADA51)**

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for the partial fulfillment for the award of degree of

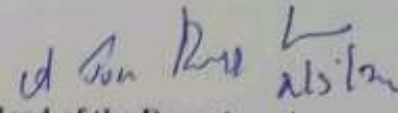
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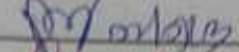
**Dr. A. NIRMALA, M.C.A., M.Phil., Ph.D.,**  
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Manjakuppam, Cuddalore - 607 001

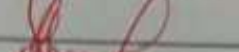
  
Head of the Department

**Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil., Ph.D.,**  
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St. Joseph's College of Arts & Science  
(Autonomous)  
Cuddalore - 607 001.

Submitted for the viva-voce examination held on 02/05/2023

Examiners:

1. 

2. 

02/05/23

# **ONLINE EXAM MONITORING**

A Mini Project Report

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Submitted

by

**S.SYED UMAR (A20CADB41)**

**K.MOHAMED ABDUL RAHUMAN(A20CADB20)**

**P.MANIKANDAN(A20CADB18)**

under the Guidance of

**Mr.C.JUSTIN MARSHAL.M.SC.(IT),.M.Phil.,**

Asst. Professor,PG Department of Computer Applications.



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),**

Affiliated to Thiruvalluvar University, Vellore

**CUDDALORE-607001**

**MAY- 2023**



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**K.MOHAMED ABDUL RAHUMAN (A20CADB20)**

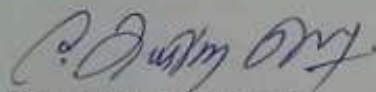
**P.MANIKANDAN (A20CADB18)**

for the partial fulfillment for the award of degree of

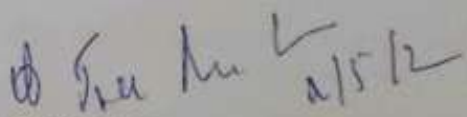
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Dr. JUSTIN MARSHAL, M.Sc., M.A., M.Phil., M.Ed.  
Asst. Prof., P.G. & Research  
Dept. of Computer Applications  
St. Joseph's College of Arts & Science  
Cuddalore - 607 001

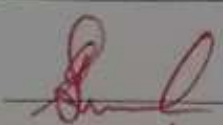
  
HEAD OF THE DEPARTMENT

Dr. A. JOHN PRADEEP EBENEZER, M.A., M.Phil., M.D.  
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Cuddalore - 607 001

Submitted for the viva-voce examination on 02/05/23

Examiners:

1. \_\_\_\_\_

2.  \_\_\_\_\_

02/05/23

# **PRISON MANAGEMENT SYSTEM**

A Mini-Project Report

Submitted for the partial fulfillment for the award of the degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

by

**R.THIRUVARASAMOORTHY (A20CADA43)**

**V. SASIDHARAN (A20CADA34)**

**H.MOHAMED ASIF ALI (A20CADA21)**

Under the Guidance of

**Dr. A. MARY ODILYA TEENA M.C.A., M.Phil., Ph.D.,**

(Asst. Professor, Post Graduate Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)  
CUDDALORE-607001**

**MAY-2023**

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## PRISON MANAGEMENT SYSTEM

Being Submitted to

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by

R.THIRUVARASAMOORTHY (A20CADA43)

V. SASIDHARAN (A20CADA34)

H.MOHAMED ASIF ALI (A20CADA21)

For the partial fulfillment for the award of degree of

## BACHELOR OF COMPUTER APPLICATIONS

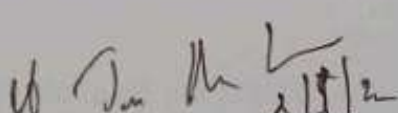
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**Dr. A. MARY ODILYA TEENA, MCA, M.Phil, Ph.D.,**

Assistant Professor, Under my guidance and supervision.

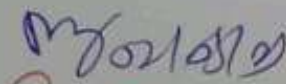
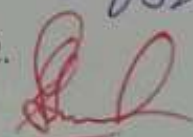
PG Department of Computer Applications,  
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**Dr. A. JOHN PRADEEP EBENEZER, M.C.A, M.Phil, Ph.D.,**  
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Submitted for the viva-voce examination on 2/05/23  
Examiners:

1.   
2/05/23
2.   
2/05/23

# **STOCK MANAGEMENT SYSTEM**

A mini project report

Submitted for the partial fulfillment for the award of degree of  
**BACHELOR OF COMPUTER APPLICATIONS**

Submitted by

**VASANTHYAVEL P (A20CADA44)**

**IYAPPAN E (A20CADA54)**

Under The Guidance of

**Dr. S. ANAND CHRISTY M.C.A., M.Phil., M.B.A., Ph.D.,**

Assistant Professor, PG Department Of Computer Applications



**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
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**VELLORE) CUDDALORE-607001**

**MAY -2023**



# CERTIFICATE

This is to certify that the Mini Project entitled  
**STOCK MANAGEMENT SYSTEM**

being Submitted to the

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(Affiliated to Thiruvalluvar University-Vellore.)

By

**VASANTHYAVEL P (A20CADA44)**

**IYAPPAN E (A20CADA54)**

For the partial Fulfillment for the award of Degree of  
**BACHELOR OF COMPUTER APPLICATIONS**

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under our guidance and Supervision.

*S. Anand Christy*  
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Submitted for the viva voce examination held on *02/05/23*

Examiners:

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*02/05/23*

# **E-LIBRARY SYSTEM**

A Mini Project Report

Submitted for partial fulfilment for the award of the degree of

**BACHELOR OF COMPUTER APPLICATIONS**

By

**VIGNESH.S (A20CADA46)**

**VIMALRAJ.V (A20CADA47)**

**THAMARAISELVAN.S (A20CADA42)**

Under the Guidance of

**MR. Z. JOHN BERNARD, M.C.A., M.Phil.,**

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**Affiliated to Thiruvalluvar University, Vellore  
CUDDALORE-607001**

**MAY-2023**

# CERTIFICATE

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## E-LIBRARY SYSTEM

Being Submitted to the

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),

Affiliated to Thiruvalluvar University, Vellore.

Submitted By

VIGNESH.S (A20CADA46)

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THAMARAISELVAN.S (A20CADA42)

For the partial fulfillment for the award of degree of

## BACHELOR OF COMPUTER APPLICATIONS

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26/04/23  
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Submitted for the viva-voce examination held on 02.05.2023

Examiners:

1. 02/05/23
2. 02/05/23

# **BUS TIMING MANAGEMENT SYSTEM**

**A mini Project Report**

**Submitted for partial fulfilment for the award of the degree of**

**BACHELOR OF COMPUTER APPLICATIONS**

**By**

**K.VISHNU (A20CADA48)**

**S.GOWTHAM (A20CADA09)**

**A.MERVIN AROCKIYAM (A20CADA20)**

**Under the Guidance of**

**Dr. A. John Pradeep Ebenezer., M.C.A., M.Phil.,**

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

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**CUDDALORE-607001**

**MAY-2023**



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### BUS TIMING MANAGEMENT SYSTEM

Being Submitted to the St. Joseph's College of Arts and Science  
(Autonomous),

Cuddalore-1

(Affiliated to Thiruvalluvar University, Vellore)

By

K.VISHNU (A20CADA48)

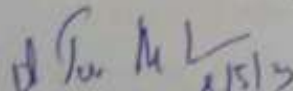
S.GOWTHAM (A20CADA09)

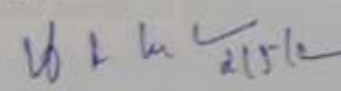
A.MERVIN AROCKIYAM (A20CADA20)

For the partial fulfillment for the award of degree of  
**BACHELOR OF COMPUTER APPLICATIONS**

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INTERNAL GUIDE

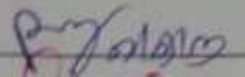
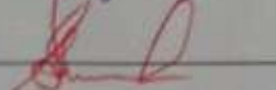
  
HEAD OF THE DEPARTMENT

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Submitted for the viva-voce examination held on 02/05/23

Examiners:

1.   
2.   
02/05/23

# **NATURAL SUGARCANE HARVESTING MANAGEMENT SYSTEM**

**A Mini Project Report**

Submitted for partial fulfilment for the award of the degree of

**BACHELOR OF COMPUTER APPLICATIONS**

By

**PUSHPARAJ.P (A20CADA49)**

**SIVAKUMAR.K (A20CADA36)**

**EZHILARASAN.E (A20CADA53)**

Under the Guidance of

**Dr.A.Lourdu Caroline, M.C.A., M.Phil., Ph.D.,**

(Asst. Professor, Post Graduate Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS  
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(AUTONOMOUS)**

**Affiliated to Thiruvalluvar University, Vellore  
CUDDALORE-607001**

**MAY-2023**

# CERTIFICATE

This is to certified that the mini project entitled  
**NATURAL SUGARCANE HARVESTING  
MANAGEMENT SYSTEM**

Being Submitted to the

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),**

(Affiliated to Thiruvalluvar University, Vellore)

Submitted By

**PUSHPARAJ.P (A20CADA49)**

**SIVAKUMAR.K (A20CADA36)**

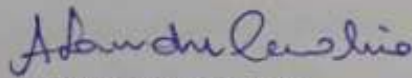
**EZHILARASAN.E (A20CADA53)**

For the partial fulfillment for the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

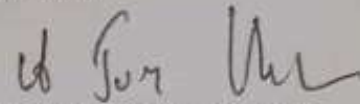
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**INTERNAL GUIDE**

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PG Department of Computer Applications,  
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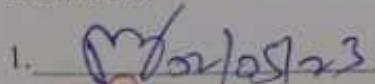


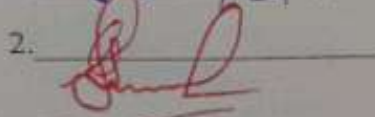
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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 02.05.2023

Examiners:

1. 

2. 

02/05/23

# HOSTEL MANAGEMENT SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for the award of degree of

## BACHELOR OF COMPUTER APPLICATION

Submitted by

V. SRIRAMAN (A20CADA50)

A. ANBUMANI (A20CADA55)

B. SANJAY (A20CADA32)

S. KAMESHWARAN (A20CADA14)

Under the Guidance of

Mr.I. BENJAMIN FRANKLIN, M.C.A., M.Phil.,

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(Affiliated to Thiruvalluvar University)

CUDDALORE-607 001.

MAY- 2023



# CERTIFICATE

This is to certify that the project document entitled  
**HOSTEL MANAGEMENT SYSTEM**

Being Submitted to

**St. Joseph's College of Arts & Science (Autonomous)**

Cuddalore-1

(Affiliated to Thiruvalluvar University, Vellore)

by

**V. SRIRAMAN (A20CADA50)**

**A. ANBUMANI (A20CADA55)**

**B. SANJAY (A20CADA32)**

**B. KAMESHWARAN (A20CADA14)**

For the partial fulfilment for the award of degree of

**BACHELOR OF COMPUTER APPLICATION**

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Under my guidance and supervision.

  
**Dr. L. JOHN PRADEEP EBENEZER, MCA, M.Phil, Ph.D.,**

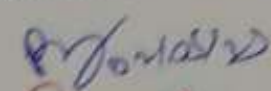
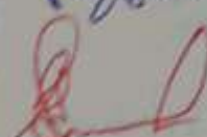
Assistant Professor,  
PG Department of Computer Applications,  
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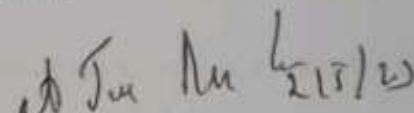
Submitted for the viva-voice examination held on **02/05/2023**

Examiners:

1.

2.

  
  
**02/05/23**

  
**HEAD OF THE DEPARTMENT**

**Dr. A. JOHN PRADEEP EBENEZER, MCA, M.Phil, Ph.D.,**  
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Cuddalore - 607 001.

# **MY EXPENSES**

A mini Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

By

**CHANDRU S (A20CADB60)**

**NAVEEN KUMAR S (A20CADB22)**

**RAGHUL R (A20CADB28)**

under the guidance of

**Dr. S. ANAND CHRISTY, M.C.A., M.Phil., M.Com., M.B.A., Ph.D.,**

Assistant Professor, PG Department of Computer Applications



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

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**CUDDALORE – 607001**

**MAY - 2023**

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This is to certify that the Mini Project entitled

## MY EXPENSES

being submitted to the

**St. Joseph's College of Arts & Science (Autonomous)**

(Affiliated to Thiruvalluvar University, Vellore)

By

**CHANDRU S (A20CADB60)**

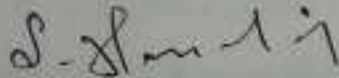
**NAVEEN KUMAR S (A20CADB22)**

**RAGHUL R (A20CADB28)**

for the partial fulfillment for the award of degree of

## BACHELOR OF COMPUTER APPLICATIONS


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**INTERNAL GUIDE**

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Submitted for the viva-voce examination held on 02/05/2023

### Examiners:

1. 

2. 

02/05/23

# **FILMIC**

A mini Project Report

Submitted for the partial fulfillment for the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

Submitted

by

**DHANOOSH P (A20CADB05)**

**ISSAC R (A20CADB11)**

**HARISH D (A20CADB10)**

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**

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(Affiliated to Thiruvalluvar University, Vellore)

**CUDDALORE - 607001**

**MAY - 2023**



# CERTIFICATE

This is to certify that the Mini Project entitled

## FILMIC

being submitted to the St. Joseph's College of Arts & Science

(Autonomous), Cuddalore

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By

**DHANOOSH P (A20CADB05)**

**ISSAC R (A20CADB11)**

**HARISH D (A20CADB10)**

for the partial fulfillment for the award of degree of

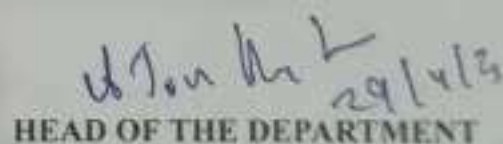
## BACHELOR OF COMPUTER APPLICATIONS

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**INTERNAL GUIDE**

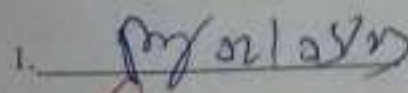
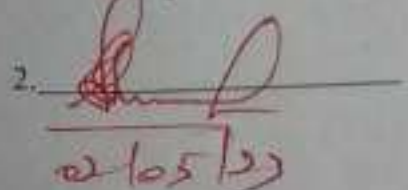
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Submitted for the viva-voce examination held on 02.05.2023

**Examiners:**

1. 
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02.05.23

# **MOVIE TICKET RESERVATION SYSTEM**

A Mini Project Report

submitted for the partial fulfillment for the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

Submitted

by

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**N.JEEVANATHAN (A20CADB13)**

**A.ANISH POONGAVANAM (A20CADB01)**

Under the Guidance of

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(AUTONOMOUS)**

Affiliated to Thiruvalluvar University, Vellore  
**CUDDALORE-607001**

**MAY-2023**

# CERTIFICATE

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**MOVIE TICKET RESERVATION SYSTEM**

being submitted to

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Affiliated to Thiruvalluvar University, Vellore.

by

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**N.JEEVANATHAN (A20CADB13)**

**A.ANISH POONGAVANAM (A20CADB01)**

for the partial fulfillment for the award of degree of  
**BACELEOR OF COMPUTER APPLICATIONS**

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*Adurdu Lesho*

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*Dr. John M L 21/5/23*  
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Submitted for the viva-voce examination on 02/05/2023

**Examiners:**

1. *[Signature]* 02/05/23

2. *[Signature]* 02/05/23

# **GYM MANAGEMENT SYSTEM**

A mini Project Report

Submitted for the partial fulfillment for the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

Submitted by

**KAVIYASAN R (A20CADB15)**

**SETHURAMAN V (A20CADB38)**

**RAKULAKANNAN V (A20CADB59)**

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Assistant Professor, PG Department of Computer Applications



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Thiruvalluvar University, Vellore)

**CUDDALORE - 607001**

**MAY - 2023**



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This is to certify that the Mini Project report entitled

## GYM MANAGEMENY SYSTEM

being submitted to the

St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1

(Affiliated to Thiruvalluvar University, Vellore)

by

KAVIYARASAN R (A20CADB15)

SETHURAMAN V (A20CADB38)

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*J. Anand Christy*  
**INTERNAL GUIDE**

**Dr. S. ANAND CHRISTY,**  
M.C.A., M.Phil., M.Com., M.B.A., Ph.D.  
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*N. K. K. 21512*  
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Cuddalore-1

Submitted for the viva-voce examination held on 2.5.2023

**Examiners:**

1. *[Signature]*

2. *[Signature]*  
02/05/23

# **HEALTHY WAY**

A Mini Project Report

submitted for the partial fulfillment for the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

Submitted

by

**V.LAMBODARA ARAVIND (A20CADB17)**

**M.SANTHOSH (A20CADB33)**

**D.EZHILMARAN (A20CADB07)**

under the Guidance of

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**

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Affiliated to Thiruvalluvar University, Vellore

**CUDDALORE-607001**

**MAY - 2023**

# CERTIFICATE

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## HEALTHY WAY

being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore – 1

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by

V.LAMBODARA ARAVIND (A20CADB17)

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D.EZHILMARAN (A20CADB07)

for the partial fulfillment for the award of degree of

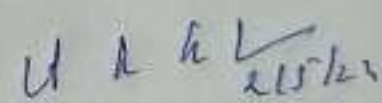
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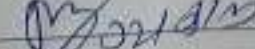
R. Vithyalakshmi.


  
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Cuddalore - 607 001.

Submitted for the viva-voce examination on 02/05/2023

Examiners:

1. 

2.   
02/05/23

# **SMART CONSTRUCTION**

A Mini Project Report  
Submitted for the partial fulfillment for the  
award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

Submitted

by

**MANOBALA A (A20CADB19)**  
**SRINIVASAN R (A20CADB37)**  
**SHANKARGURU S R (A20CADB34)**

Under the Guidance of

**Dr. A. NIRMALA, M.C.A., M.Phil., Ph.D.,**



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Thiruvalluvar University, Vellore)

**CUDDALORE - 607001**

**MAY - 2023**



## CERTIFICATE

This is to certify that the Mini Project  
entitled

### SMART CONSTRUCTION

being submitted to

St. Joseph's College of Arts & Science (Autonomous),

Affiliated to Thiruvalluvar University, Vellore.

By

**MANOBALA A (A20CADB19)**

**SRINIVASAN R (A20CADB37)**


**SHANKARGURU S R (A20CADB34)**

for the partial fulfillment for the award of degree of

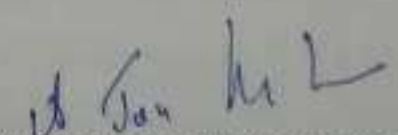
### BACHELOR OF COMPUTER APPLICATIONS

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them, under my guidance and supervision.

  
**INTERNAL GUIDE**

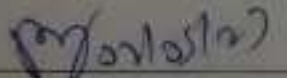
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Submitted for the viva-voce examination held on 02.05.2023

**Examiners:**

1. 

2. 

03/05/23

# **KUTTY FOODIE**

For online food ordering

A Mini Project Report  
Submitted for the partial fulfillment for  
the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

by

**NIYAS AHAMED M (A20CADB23)**

**BARATHKUMAR S (A20CADB04)**

**DHANUSH T.S (A20CADB58)**

under the Guidance of

**Dr. R. ARUNA KIRITHIKA M.C.A., M.Phil., Ph.D.,**  
Assistant Professor, PG Department of Computer Applications



**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
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Affiliated to Thiruvalluvar University, Vellore

**CUDDALORE-1**

**MAY-2023**

## CERTIFICATE

This is to certify that the mini project report entitled

**KUTTY FOODIE**

for online food ordering

being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1

Affiliated to Thiruvalluvar University, Vellore.

by

**NIYAS AHAMED M (A20CADB23)**

**BARATHKUMAR S (A20CADB04)**

**DHANUSH T.S (A20CADB58)**

for the partial fulfillment for the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

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*Advent 29/4/23*  
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Examiners:

1. *S. J. J. S. S. S.*

2. *S. J. J. S. S. S.*

3. *S. J. J. S. S. S.*

*9/05/23*

# **PKP SHOOTER**

A project report  
submitted for the partial fulfillment for  
the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

Submitted by

**MR. R.K.PRAGADEESH (A20CADB25)**

**MR. M.KARTHIKEYEN (A20CADB14)**

**MR. P.PRAVEEN RAJ (A20CADB27)**

Under the Guidance of

**MR.J.ROBERT ADIKALARAJ .M.S. (IT)., MPhil.,**

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),**  
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**CUDDALORE-1**

**MAY-2023**



## CERTIFICATE

This is to certify that the mini project report entitled

**PKP SHOOTER**

being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1

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**MR. PRAGADEESH.R.K (A20CADB25)**

**MR. KARTHIKEYEN.M (A20CADB14)**

**MR. PRAVEEN RAJ .P (A20CADB27)**

for the partial Fulfillment for the award of degree of

**BACELEOR OF COMPUTER APPLICATIONS**

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my guidance and supervision.

Internal Guide

**J.ROBERT ADAIKALARAJ, M.S.(IT), M.Phil.**

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Cuddalore - 607 001.

Examiners:

1).....

2).....

02/05/23

# **REAL ESTATE MANAGEMENT SYSTEM**

A Mini-Project Report

Submitted for the partial fulfillment for the award of the degree of

**BACHELOR OF COMPUTER APPLICATIONS**

by

**K.PREMKUMAR(A20CADA28)**

**T.SURYA(A20CADA41)**

**N.IYYANAR(A20CADA12)**

Under the Guidance of

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(Affiliated to Thiruvalluvar University, Vellore)

**CUDDALORE-607001**

**MAY-2023  
CERTIFICATE**

This is to certify that the mini project report entitled  
**REAL ESTATE MANAGEMENT SYSTEM**

Being Submitted to

**St. Joseph's College of Arts and Science (Autonomous)**

Cuddalore-607001

(Affiliated to Thiruvalluvar University, Vellore)

by

**K.PREMKUMAR(A20CADA28)**

**T.SURYA(A20CADA41)**

**N.IYYANAR(A20CADA12)**

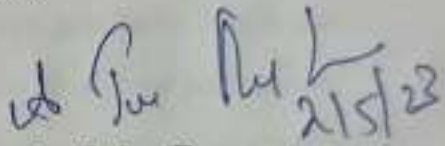
For the partial fulfillment for the award of degree of  
**BACHELOR OF COMPUTER APPLICATIONS**

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Under my guidance and supervision.

  
Internal Guide

**Dr. G. SURESH, M.C.A., M.Phil., Ph.D.,**  
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Head of the Department

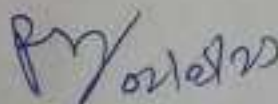
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Submitted for the viva-voce examination on

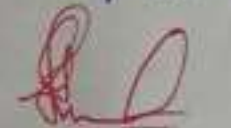
02.05.2023

Examiners:

1.

  
02/05/23

2.

  
02/05/23

# **CAB WAY**

A Mini Project Report

Submitted for the partial fulfillment for the award of degree of  
**BACHELOR OF COMPUTER APPLICATIONS**

Submitted by

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**R.VIGNESHWARAN (A20CADB46)**

**P.NITHISH KUMAR (A20CADB55)**

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**

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**CUDDALORE-607001**

**MAY- 2023**



# CERTIFICATE

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**CAB WAY**

being submitted to

St. Joseph's College of Arts and Science (Autonomous)

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Submitted by

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**R.VIGNESHWARN (A20CADB46)**

**P.NITHISH KUMAR (A20CADB55)**


For the partial fulfillment for the award of degree of

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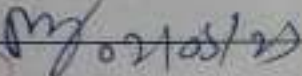
  
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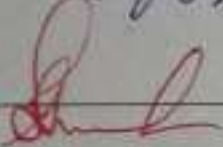
  
HEAD OF THE DEPARTMENT

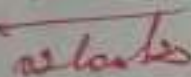
Dr. A. JOHN PRADEEP EBENEZER, MCA, M.Phil, Ph.D.  
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Cuddalore - 607 001.

Submitted for the viva-voce examination on 02.05.2023

Examiners:

1. 

2. 



# **GALATIC MOBILES**

A mini Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

Submitted

by

**SUDHARSHAN G (A20CADB39)**

**SHEIK AFRIDI S (A20CADB35)**

**MOHAMED IRFAN M I (A20CADB54)**

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**MAY - 2023**

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This is to certify that the Mini Project entitled

## GALATIC MOBILES

being submitted to the St. Joseph's College of Arts & Science (Autonomous),

Affiliated to Thiruvalluvar University, Vellore.

By

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SHEIK AFRIDI S (A20CADB35)

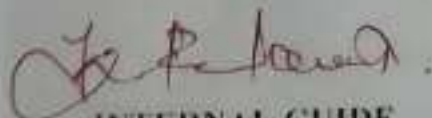
MOHAMED IRFAN M I(A20CADB54)

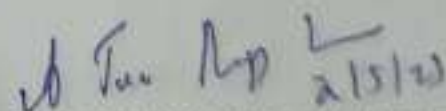
for the partial fulfillment for the award of degree of

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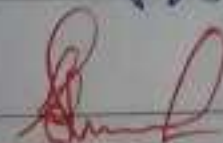
  
HEAD OF THE DEPARTMENT

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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 02-05-2023

Examiners:

1. 

2.   
02/05/23

# **FIT FOR LIFE PHYSICAL ACADEMY**

A mini-Project Report

Submitted for the partial fulfillment for the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

**Submitted:**

**by**

<b>SURIYA P</b>	<b>(A20CADB40)</b>
<b>GULASEKARAN S</b>	<b>(A20CADB09)</b>
<b>VIGNESH K</b>	<b>(A20CADB45)</b>

Under the guidance of

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**MAY- 2023**



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being submitted to the St. Joseph's College of Arts & Science(Autonomous),

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VIKNESH K	(A20CADB40)

For the partial fulfillment for the award of degree of

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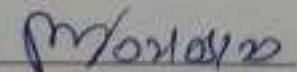
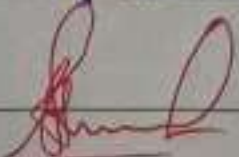
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Submitted for the viva-voce examination held on 02/05/2023

#### Examiners:

1. 
2. 

# **ONLINE EXAM MONITORING**

A Mini Project Report

submitted for the partial fulfillment for the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

Submitted

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**P.MANIKANDAN(A20CADB18)**

under the Guidance of

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**CUDDALORE-607001**

**MAY- 2023**

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## ONLINE EXAM MONITORING

being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1

Affiliated to Thiruvalluvar University, Vellore.

by

**S.SYED UMAR (A20CADB41)**

**K.MOHAMED ABDUL RAHUMAN (A20CADB20)**


**P.MANIKANDAN (A20CADB18)**

for the partial fulfillment for the award of degree of

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Examiners:

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02/05/23

# **E - MANDI**

A Mini Project Report

Submitted for partial fulfilment for the award of the degree of  
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By

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**F. WESLY JAMES (A20CADB48)**

**M. SASI DHARAN(A20CADB57)**

Under the Guidance of

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
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**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**  
**CUDDALORE-607001**

**MAY-2023**



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This is to certify that the Mini Project entitled

**E - MANDI**

Being Submitted to the

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(Affiliated To Thiruvalluvar University, Vellore)

By

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**F. WESLY JAMES (A20CADB48)**

**M. SASI DHARAN(A20CADB57)**

For the partial fulfilment for the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

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*A. Mary Odilya Teena*  
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*Dr. A. John Pradeep Ebenezer*  
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Vellore - 620 031

Submitted for the viva-voce examination held on 02/05/2023

**Examiners:**

1. *[Signature]*

2. *[Signature]*  
02/05/23

# **BVR BIKE TAXI**

A Mini Project Report

Submitted for the partial fulfillment for the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

by

**VINOTH V (A20CADB47)**

**RAVIN PRASATH S (A20CADB30)**

**BALACHANDRAN G (A20CADB03)**

Under the guidance of

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**PG DEPARTMENT OF COMPUTER APPLICATIONS  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)  
CUDDALORE - 607001**

**MAY - 2023**

# CERTIFICATE

This is to certify that the Mini Project entitled

## BVR BIKE TAXI

being submitted to the St. Joseph's College of Arts & Science (Autonomous),

(Affiliated to Thiruvalluvar University, Vellore)

By

VINOTH V (A20CADB47)

RAVIN PRASATH S (A20CADB30)

BALACHANDRAN G (A20CADB03)

for the partial fulfillment for the award of degree of

## BACHELOR OF COMPUTER APPLICATIONS

is a bonafide record of work carried out by them,

**Dr. A. MARY ODILYA TEENA, MCA, M.Phil, Ph.D.,**

Assistant Professor,

PG Department of Computer Applications,

St. Joseph's College of Arts & Science (Autonomous),

Cuddalore.

INTERNAL GUIDE

under my guidance and supervision.

HEAD OF THE DEPARTMENT

Submitted for the viva-voce examination held on 02/05/23

Examiners:

1. [Signature]

2. [Signature]

02/05/23

**Dr. A. JOHN PRADEEP EBENEZER, MCA, M.Phil, Ph.D.,**

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St. Joseph's College of Arts & Science

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Cuddalore - 607 003.

# **ALUMNI DATABASE MANAGEMENT SYSTEM**

A project Report  
submitted for the partial fulfillment for  
the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

by

**AKASH S (Reg.no.A20CADB49)**

**MANIKANDAN K (Reg.no.A20CADB50)**

**MOHAMED FAROOK K (Reg.no.A20CADB21)**

under the Guidance of

**Dr. R. ARUNA KIRITHIKA M.C.A., M.Phil.,Ph.D.,**  
Assistant Professor, PG Department of Computer Applications



**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),**  
Affiliated to Thiruvalluvar University, Vellore

**CUDDALORE-1**

**MAY-2023**



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**ALUMNI DATABASE MANAGEMENT SYSTEM**

being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore – 1

Affiliated to Thiruvalluvar University, Vellore.

by

**AKASH S (Reg.no.A20CADB49)**

**MANIKANDAN K (Reg.no.A20CADB50)**

**MOHAMED FAROOK K (Reg.no.A20CADB21)**

for the partial Fulfillment for the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

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under my guidance and supervision.

*Aruna Kirithika*  
28/4/23  
Internal Guide

**Dr. R. ARUNA KIRITHIKA,**

Assistant Professor,

PG Department of Computer Applications,

St. Joseph's College of Arts and Science (Autonomous),

CUDDALORE - 607 001.

Submitted for the viva-voce examination on 02.05.2023

*Dr. A. John Pradeep Ebenezer*  
21/5/23  
Head of the Department

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PG Dept. of Computer Applications  
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(Autonomous)  
Cuddalore - 607 001.

Examiners:

1. *My 01/05/23*
2. *[Signature]*  
02/05/23

# **ATTENDANCE MANAGEMENT SYSTEM**

A Mini Project report

Submitted for the partial fulfillment for the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

Submitted by

**ELANCHEZHIAN G (A20CADB51)**  
**JAYASURYA M (A20CADB12)**  
**PRADEEPKUMAR G (A20CADB24)**

Under the guidance of

**Mrs. R. VIDHYA LAKSHMI M.C.A., M.Phil., SET,**  
(Asst. professor, PG Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATION**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Thiruvalluvar University – Vellore)

**CUDDALORE – 607 001**

**MAY – 2023**

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### ATTENDANCE MANAGEMENT SYSTEM

Being submitted to

St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1

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By

ELANCHEZHIAN G	(A20CADB51)
JAYASURYA M	(A20CADB12)
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For the partial fulfillment for the award of degree of

### BACHELOR OF COMPUTER APPLICATIONS

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Under my guidance and supervision.

Internal Guides

*R. Nishalyakshani*

Head of the Department

*A. S. K. 21/5/23*  
Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.B.A.,  
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Cuddalore - 607 001.

Submitted for the viva-voce examination held on

*02.05.23*

Examiners:

1. *M. 02/05/23*

2.

*02/05/23*

# **DSK COLLEGE OF ARTS & SCIENCE**

## **A Mini-Project Report**

Submitted for the partial fulfillment of the requirement for the award of the degree of

## **BACHELOR OF COMPUTER APPLICATION**

Submitted by

**R.DINESH KUMAR (A20CADB53)**

**S.SABARINATHAN (A20CADB52)**

**P.KIRUBANITHI (A20CADB16)**

Under the Guidance of

**Mrs.K. PADMAVATHI M.SC., M.Phil., SET,**

(Assistant Professor, PG Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO THIRUVALLUR UNIVERSITY – VELLORE**

**CUDDALORE-607001**

**MAY-2023**



## CERTIFICATE

This is to certify that the Mini-Project entitled

### **DSK COLLEGE OF ARTS AND SCIENCE**

being submitted to St. Joseph's College of Arts and Science (Autonomous),

Cuddalore-1

(Affiliated to Thiruvalluvar University – Vellore)

Submitted by

**R.DINESH KUMAR (A20CADB53)**

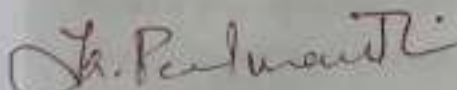
**S.SABARINATHAN (A20CADB52)**

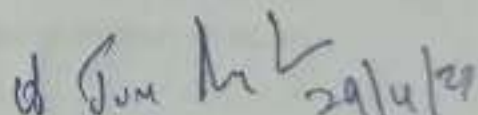
**P.KIRUBANITHI (A20CADB16)**

for the partial fulfillment for the award of degree of

### **BACHELOR OF COMPUTER APPLICATION**

is a bonafide record of work carried out by them, under my guidance and supervision.

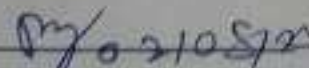
  
**INTERNAL GUIDE**

  
**HEAD OF DEPARTMENT**

**Dr. A. JOHN PRADEEP EBENEZER, MCA, MPhil, MEd.**  
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Submitted for the viva-voce examination held on 02/05/2022

#### **Examiners:**

1. 

2. 

02/05/22

# **ONLINE MOBILE ACCESSORIES**

A Mini Project Report

Submitted for partial fulfillment for the award of the degree of

**BACHELOR OF COMPUTER APPLICATIONS**

Submitted By

**S. SRIJI (A20CAEA31)**

**A. SULAIHA (A20CAEA32)**

**H. ZAITHUN BEE (A20CAEA36)**

Under the Guidance of

**Miss. R. VIJAYALAKSHMI M.SC(CS),**

**(Guest Lecturer, PG Department of Computer Applications)**



**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
**ST. JOSEPH'S COLLEGE OF ARTS SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**  
**CUDDALORE-607001**

**MAY-2023**

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Being Submitted to the

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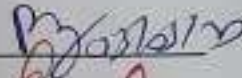
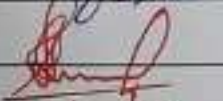
  
INTERNAL GUIDE

  
HEAD OF THE DEPARTMENT

Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil., Ph.D.,  
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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 03.05.23

Examiners:

1.   
03/05/23
2.   
03/05/23

# **ART-FAAM E-COMMERCE APP**

A Mini Project Report

submitted for the partial fulfilment forthe award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

by

**B. AARTHI** ( A20CAEA01)

**M. AMEENA BEE** (A20CAEA03)

**S. FAIROSE PARVIN** ( A20CAEA39)

Under the Guidance of

**DR.A. JOHN PRADEEP EBENEZER M.C.A., M.PHIL., PH.D.,**Head PG  
Department of Computer Applications



### **PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),**

(Affiliated to Thiruvalluvar University, Vellore)

**CUDDALORE-1**

**MAY-2023**



## CERTIFICATE

This is to certify that the mini project report entitled

### ART-FAAM E-COMMERCE APP

being submitted to

St. Joseph's College of Arts and Science (Autonomous),

Cuddalore- 1

(Affiliated to Thiruvalluvar University, Vellore)

By

**B.AARTHI** (A20CAEA01)

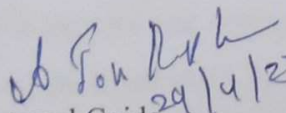
**M.AMEENA BEE** (A20CAEA03)

**S.FAIROSE PARVIN** (A20CAEA39)

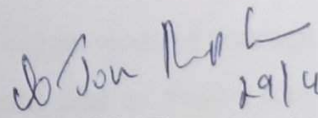
for the partial fulfilment for the award of degree of

### BACHELOR OF COMPUTER APPLICATIONS

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29/4/23  
Internal Guide

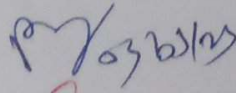

**Dr. A. JOHN PRADEEP EBENEZER**, M.C.A., M.Phil., Ph.D.,  
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29/4/23  
Head of the Department

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Cuddalore - 607 001.

Submitted for the viva-voce examination on 03. 05. 2023

Examiners:

1.   
03/05/23
2.   
03/05/23

# **QR CODE SCANNER**

A Mini-Project Report

Submitted for the partial fulfilment for the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

Submitted by

ABITHA K

(A20CAEA02)

MOHANAPRIYA I

(A20CAEA16)

VINDHIYA S R

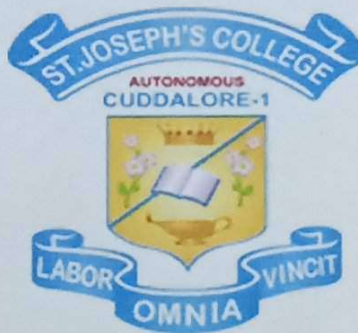
(A20CAEA35)

Under the Guidance of

Dr.R.Roseline M.C.A.,M.Phil.,Ph.D.,

Assistant Professor,

(PG Department of Computer Applications)



**ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE(AUTONOMOUS)**

(Affiliated to Thiruvalluvar University – Vellore)

CUDDALORE - 607001

MAY-2023

## CERTIFICATE

This is to certify that the Mini – Project entitled

### QR CODE SCANNER

Being submitted to

St. Joseph's College of Arts & Science(Autonomous),  
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By

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(A20CAEA02)

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VINDHIYA S R

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for the partial fulfillment for the award of degree of

### BACHELOR OF COMPUTER APPLICATIONS

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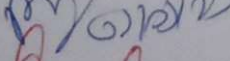
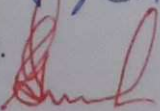
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Cuddalore - 607 001.

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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 03.05.2023

Examiners:

1. 
2. 

03/05/23



# **EVENT PLANNER**

A Mini-Project report

Submitted for the partial fulfilment for the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

by

**P.ANGARIKA** (A20CAEA04)

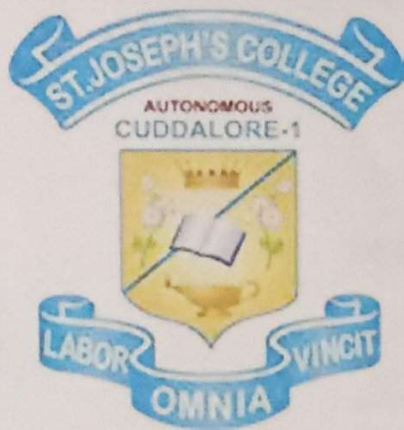
**B.BAVADHARANI** (A20CAEA07)

**J.NOOREH SHAHIN** (A20CAEA19)

Under the Guidance of

**Dr. G. Suresh, M.C.A., M.Phil., Ph.D.,**

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),**

**(Affiliated to Thiruvalluvar University, Vellore)**

**CUDDALORE-607001**

**MAY-2023**



# CERTIFICATE

This is to certify that the Mini Project report entitled  
**EVENT PLANNER**

Being submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore- 1  
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by

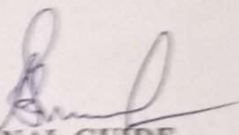
**P.ANGARIKA** (A20CAEA04)

**B.BAVADHARANI** (A20CAEA07)

**J.NOOREH SHAHIN** (A20CAEA19)

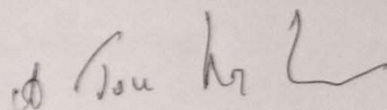
Submitted for the partial fulfilment for the award of degree of  
**BACHELOR OF COMPUTER APPLICATIONS**

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under my guidance and supervision.



**INTERNAL GUIDE**

**Dr. G. SURESH, M.C.A., M.Phil., Ph.D.,**  
Assistant Professor  
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Cuddalore - 607 001.

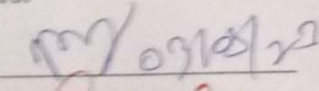


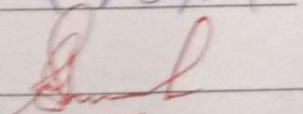
**HEAD OF THE DEPARTMENT**

**Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil., Ph.D.,**  
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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 20/05/2023

Examiners:

1. 

2. 

20/05/23

# **ONLINE CAR RENTAL PORTAL**

A Mini Project Report

Submitted for partial fulfillment for the award of the degree of

By

**ARTHIL.M (A20CAEA05)**

**ARUNA.I (A20CAEA06)**

**NEGA.A (A20CAEA17)**

## **BACHELOR OF COMPUTER APPLICATIONS**

Under the Guidance of

**Dr.A.Lourdu Caroline, M.C.A., M.Phil., Ph.D.,**

(Asst. Professor, Post Graduate Department of Computer Applications)



PG DEPARTMENT OF COMPUTER APPLICATIONS  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)  
AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE  
CUDDALORE-607001

**MAY 2023**

## CERTIFICATE

This is to certify that the mini project entitled  
**ONLINE CAR RENTAL PORTAL**  
Being submitted to the  
**St. Joseph's College of Arts and Science (Autonomous),**  
Cuddalore-1  
(Affiliated to Thiruvalluvar University, Vellore)

by

**ARTHIM (A20CAEA05)**  
**ARUNAJ (A20CAEA06)**  
**NEGAJA (A20CAEA17)**

For the partial fulfillment for the award of degree of  
**BACHELOR OF COMPUTER APPLICATIONS**  
Is a bonafide record of work carried out by them,  
Under my guidance and supervision.

*Adorinda Carolo*  
**INTERNAL GUIDE**

**Dr. A. LOURDU CAROLINE, MCA, M.Phil, Ph.D.,**  
Assistant Professor,  
PG Department of Computer Applications,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

*Dr. A. John Pradeep Ebenezer*  
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HOD & Assistant Professor  
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St. Joseph's College of Arts & Science

Submitted for the viva-voce examination held on 03-05-2023

Examiners:

1. *[Signature]*  
2. *[Signature]*  
03/05/23



# **PAYING GUEST ACCOMMODATION SYSTEM**

A Mini-Project report

Submitted in partial fulfillment for award of the degree of

**BACHELOR OF COMPUTER APPLICATIONS**

by

**CHARMATHI U (A20CAEA08)**

**POOJA R (A20CAEA20)**

Under the Guidance of

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

(Affiliated to Thiruvalluvar University, Vellore)

**CUDDALORE – 607001**

**MAY-2023**



## CERTIFICATE

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### PAYING GUEST ACCOMMODATION SYSTEM

being submitted to St. Joseph's College of Arts and Science (Autonomous)

(Affiliated to Thiruvalluvar University, Vellore)

By

**CHARMATHI U (A20CAEA08)**

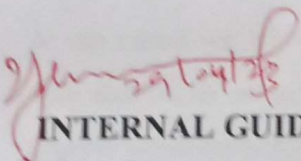
**POOJA R (A20CAEA20)**

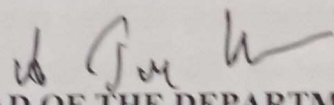
for the partial fulfillment for the award of degree of

### BACHELOR OF COMPUTER APPLICATIONS

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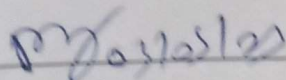
  
INTERNAL GUIDE

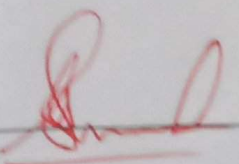
  
HEAD OF THE DEPARTMENT

Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil., Ph.D.,  
HOD & Assistant Professor  
PG Dept. of Computer Applications  
St. Joseph's College of Arts & Science  
(Autonomous)  
Cuddalore

Submitted for the viva-voce examination on 03.05.2023

Examiners:

1. 

2. 

03/05/23

# **ONLINE TRAIN TICKET RESERVATION**

*A mini project report*

*Submitted for the partial fulfillment for the award of degree of*

**BACHELOR OF COMPUTER APPLICATIONS**

*Submitted by*

**DHIRISHA R (A20CAEA09)**

**RESHMA D (A20CAEA24)**

**ANUPRIYA M (A20CAEA42)**

*Under The Guidance of*

**Dr. A. NIRMALA M.C.A., M.Phil., Ph.D.,**

*Assistant Professor, PG Department Of Computer Applications*



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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**

**CUDDALORE-607001**

**MAY -2023**

## CERTIFICATE

This is to certify that the Mini Project entitled  
**ONLINE TRAIN TICKET RESERVATION**

being Submitted to the

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(Affiliated to Thiruvalluvar University-Vellore.)

By

**DHIRISHA R (A20CAEA09)**

**RESHMA D (A20CAEA24)**

**ANUPRIYA M (A20CAEA42)**

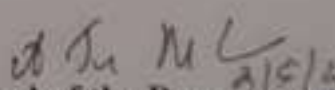
For the partial Fulfillment for the award of Degree of  
**BACHELOR OF COMPUTER APPLICATIONS**  
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**Internal Guide**

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Assistant Professor

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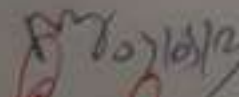

  
**Head of the Department**

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(Autonomous)

Submitted for the viva-voce examination held on 03/05/2023.

Examiners:

1.   
03/05/23
2.   
03/05/23

# **ONLINE HOUSE RENTAL MANAGEMENT**

A Mini-Project Report

Submitted for partial fulfilment for the award of the degree of

**BACHELOR OF COMPUTER APPLICATIONS**

Submitted by

**I.JAYASHREE (A20CAEA10)**

**P.KARISHMA (A20CAEA12)**

**S.SOWMIYA (A20CAEA30)**

Under the Guidance of

**Mr. J. ROBERT ADAIKALARAJ M.S. (IT), M.Phil.,**

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS SCIENCE (AUTONOMOUS)**

(AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)

CUDDALORE-607001

MAY-2023



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**ONLINE RENTAL MANAGEMENT**  
Being Submitted to the  
St. Joseph's College Of Arts and Science (Autonomous)  
(Affiliated To Thiruvalluvar University, Vellore)

Submitted by

**I.JAYASHREE (A20CAEA10)**

**P.KARISHMA (A20CAEA12)**

**S.SOWMIYA (A20CAEA30)**

For the partial fulfilment for the award of degree of  
**BACHELOR OF COMPUTER APPLICATIONS**  
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**INTERNAL GUIDE**

  
**HEAD OF THE DEPARTMENT**

J.ROBERT ADAIKALARAJ, M.S.(IT), M.Phil,  
Assistant Professor,  
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Cuddalore - 607 001.

Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil, Ph.D.,  
HOD & Assistant Professor  
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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 03.05.2023

Examiners:

1. 
2.   
03/05/23

# **SEMINAR HALL BOOKING SYSTEM**

A mini project report  
submitted for the partial fulfillment for  
the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

by

**R. JEEVA (Reg.No:A20CAEA11)**

**N. SWETHA (Reg.No:A20CAEA33)**

under the guidance of

**Dr. I. BENJAMIN FRANKLIN, M.C.A., M. Phil., Ph.D.,**  
Assistant Professor, PG Department of Computer Applications



**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
Affiliated to Thiruvalluvar University, Vellore

**CUDDALORE-1**

**MAY 2023**

# CERTIFICATE

This is to certify that the mini project report entitled

## SEMINAR HALL BOOKING SYSTEM

Being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore-I

Affiliated to Thiruvalluvar University, Vellore.

by

**R. JEEVA (Reg.No:A20CAEA11)**

**N. SWETHA (Reg.No:A20CAEA33)**

for the partial fulfillment for the award of degree of

## BACHELOR OF COMPUTER APPLICATIONS

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**INTERNAL GUIDE**

**Dr. L. BENJAMIN FRANKLIN, M.C.A., M.Phil., Ph.D.,**  
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(Autonomous)  
Cuddalore - 607 001.

Submitted for the viva-voce examination on 03-05-2023

Examiners:

1. 

2.   
03/05/23

# **KNOCK KNOCK**

A mini project report

submitted for the partial fulfillment for the award of degree of

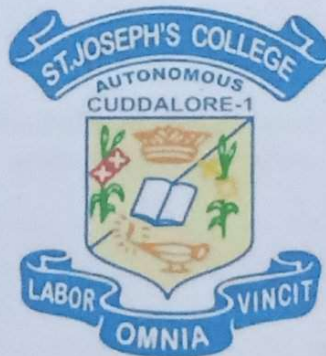
## **BACHELOR OF COMPUTER APPLICATIONS**

Submitted by

**S.KEERTHANA(A20CAEA13)**  
**Z.MASIHA THABASUM(A20CAEA15)**  
**V.POOJA DHARSHINI(A20CAEA40).**

Under the Guidance of

**MRS.R.VIDHYA LAKSHMI M.C.A.,M.Phil.,SET,**  
(Assistant Professor,PGDepartment of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**Affiliated to Thiruvalluvar University, Vellore**

**CUDDALORE-1**

**MAY-2023**



## CERTIFICATE

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Being submitted to

St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore- 1  
Affiliated to Thiruvalluvar University, Vellore.

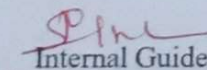
Submitted by

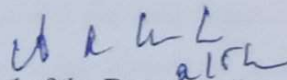
S.KEERTHANA(A20CAEA13)  
Z.MASIHA THABASUM(A20CAEA15)  
V.POOJA DHARSHINI(A20CAEA40)

for the partial fulfillment for the award of degree of

### BACHELOR OF COMPUTER APPLICATIONS

is a bonafide record of work carried out by them, under my  
guidance and supervision.

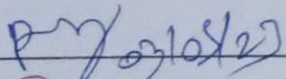
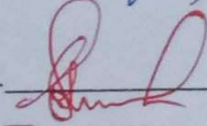
  
Internal Guide  
B. Vidhyalakshmi.

  
Head of the Department

Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil., Ph.D.,  
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(Autonomous)

Submitted for the viva-voce examination on 03.05.23 Cuddalore - 607 001.

Examiners:

1.   
03/05/23
2.   
03/05/23

# **PIZZA ORDERING SYSTEM**

**A Mini Project Report**

**Submitted for the partial fulfillment for the award of Degree of**

**BACHELOR OF COMPUTER APPLICATIONS**

**by**

**K. MANIMEGALAI (Reg. No.: A20CAEA14)**

**A. POONGUZHALI (Reg. No.: A20CAEA21)**

**under the Guidance of**

**Dr. R. ARUNA KIRTHIKA, M.C.A., M.Phil., Ph.D.,**

**Asst. Professor, PG Department of Computer Applications**



**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**Affiliated to Thiruvalluvar University, Vellore**

**CUDDALORE - 1**

**MAY - 2023**

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## PIZZA ORDERING SYSTEM

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St. Joseph's College of Arts and Science (Autonomous),

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**K. MANIMEGALAI (A20CAEA14)**

**A. POONGUZHALI (A20CAEA21)**

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## BACHELOR OF COMPUTER APPLICATIONS

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*Received 29/5/23*  
**INTERNAL GUIDE**

**Dr. R. ARUNA KIKITHIKA,**  
Assistant Professor,  
PG Department of Computer Applications,  
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CUDDALORE - 607 001.

Submitted for the viva-voce examination on 03.05.2023

*W. Sou. H. L. 2/5/23*  
**HEAD OF THE DEPARTMENT**

**Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil., Ph.D.,**  
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Cuddalore - 607 001.

**Examiners:**

1. *03/05/23*

2. *03/05/23*

# **PROJECT MANAGEMENT**

A mini project report

Submitted for the partial fulfillment for the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

Submitted by

**A. NISHA AROKIYA (A20CAEA18)**

**B. PRIYANKA (A20CAEA23)**

**P. ABINAYA (A20CAEA43)**

Under The Guidance of

**Mr. C. JUSTIN MARSHAL, M.Sc(IT)., M.Phil.,**

Assistant Professor ,PG Department Of Computer Applications



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)

CUDDALORE-607001

MAY -2023



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By

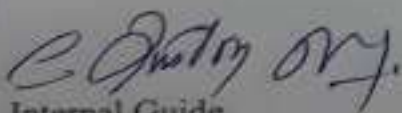
**A. NISHA AROKIYA (A20CAEA18)**

**B. PRIYANKA (A20CAEA23)**

**P. ABINAYA (A20CAEA43)**

For the partial Fulfillment for the award of Degree of  
**BACHELOR OF COMPUTER APPLICATIONS**

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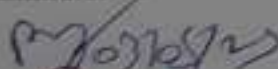
**JUSTIN MARSHAL**, M.Sc., (IT), M.Phil.  
Asst. Prof., P.G. & Research  
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Head Of The Department

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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 03/05/2023

Examiners:

1. 

2. 

03/05/23

# **ONLINE QUIZ**

A Mini Project Report

Submitted for partial fulfilment for the award of the degree of

**BACHELOR OF COMPUTER APPLICATIONS**

By

**V.RISHWA (A20CAEA44)**

**C.REVATHI (A20CAEA25)**

**A. UMAMAGESWARI (A20CAEA34)**

Under the Guidance of

**Dr. A. MARY ODILYA TEENA M.C.A., M.Phil., Ph.D.,**

(Asst. Professor, PG Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS SCIENCE (AUTONOMOUS)**

**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**

**CUDDALORE-607001**

**MAY 2023**

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*A. Mary Odilya Teena*

### INTERNAL GUIDE

Dr. A. MARY ODILYA TEENA, MCA, M.Phil, Ph.D.,

Assistant Professor,

PG Department of Computer Applications,

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Cuddalore-1.

Examiners:

1. *[Signature]*

2. *[Signature]*

03/05/23

*Dr. A. John Pradeep Ebenezer*

### HEAD OF THE DEPARTMENT

Dr. A. JOHN PRADEEP EBENEZER, MCA, M.Phil, Ph.D.,

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PG Dept. of Computer Applications

St. Joseph's College of Arts & Science

(Autonomous)

Cuddalore - 607 001.

03.05.2023

# **PHOTOGRAPHY WEBSITE (PONNI STUDIO)**

A Mini-Project Report

Submitted for the partial fulfillment for the award of the degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

by

**D.ANUCIYA (A20CAEA37)**

**M.KAVIYA (A20CAEA38)**

**A.SAGAMBARI (A20CAEA26)**

Under the Guidance of

**Dr.S. ANAND CHRISTY., M.C.A., M.Phil., M.Com., M.B.A., Ph.D.,**

(Asst. Professor, Post Graduate Department of Computer Applications)



**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Thiruvalluvar University, Vellore)

**CUDDALORE-607001**

**MAY-2023**



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**PHOTOGRAPHY WEBSITE (PONNI STUDIO)**

Being Submitted to  
**St. Joseph's College of Arts and Science (Autonomous)**  
Cuddalore-607001  
(Affiliated to Thiruvalluvar University, Vellore)

by

**D.ANUCIYA (A20CAEA37)**

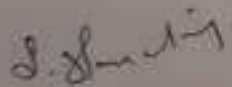
**M.KAVIYA (A20CAEA38)**

**A.SAGAMBARI (A20CAEA26)**

For the partial fulfillment for the award of degree of  
**BACHELOR OF COMPUTER APPLICATIONS**

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**Internal Guide**

**Dr. S. ANAND CHRISTY,**

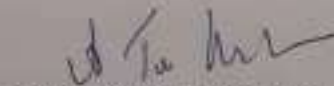
M.C.A., M.Phil., M.Com., M.B.A., Ph.D.

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**Head of the Department**

**Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil., Ph.D.,**

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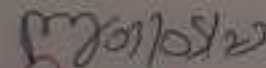
St. Joseph's College of Arts & Science

(Autonomous)

Cuddalore - 607 001.

Submitted for the viva-voce examination on 6.5.2025

Examiners:

1. 

2. 

03/05/23

# **SMART HOME MAKER**

A Mini-Project report

Submitted in partial fulfillment for award of the degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

by

**SANTHIYA A (A20CAEA27)**

**NISHA G (A20CAEA41)**

Under the Guidance of

**Mrs. K.PADMAVATHI, M.Sc., M.Phil., SET**

(Asst. Professor, PG Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(Affiliated to Thiruvalluvar University, Vellore)**

**CUDDALORE – 607001**

**MAY-2023**

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This is to certify that the mini project report entitled

## SMART HOME MAKER

Being submitted to St. Joseph's College of Arts and Science (Autonomous)

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By

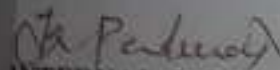
SANTHIYA A (A20CAEA27)


NISHA G (A20CAEA41)

for the partial fulfillment for the award of degree of

## BACHELOR OF COMPUTER APPLICATIONS

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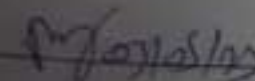
  
INTERNAL GUIDE


  
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Dr. A. JOHN PRADEEP EBENEZER, MCA, MPM, PhD,  
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BC Dept. of Computer Applications  
St. Joseph's College of Arts & Science  
Vellore

Submitted for the viva-voce examination on 03/05/23

Examiners:

1.   
03/05/23

2.   
03/05/23

## **STUDENT'S WELFARE SERVICES**

A Mini Project Report

Submitted for partial fulfillment for the award of the degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

By

**S.MERLIN(A20CAEB37)**

**J.JANANI(A20CAEB39)**

**R.SHARMILA (A20CAEB44)**

Under the Guidance of

**Mrs.K.PADMAVATHI M.Sc., M.Phil., SET,**

(Asst Professor, PG Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

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**MAY-2023**



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### STUDENTS WELFARE SERVICES

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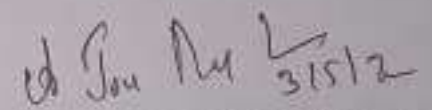
For the partial fulfilment for the award of degree of

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INTERNAL GUIDE

  
HEAD OF THE DEPARTMENT

Submitted for the viva-voce examination held on

03.05.23

Examiners:

1.   
2.   
03/05/23

Dr. A. JOHN PRADEEP EBENEZER, MCA, M.Phil, Ph.D.  
HOD & Assistant Professor  
PG Dept. of Computer Applications  
St. Joseph's College of Arts & Science  
(Autonomous)  
Curriculum 001

# **STUDENT INFORMATION MANAGEMENT SYSTEM**

*A Mini Project Report*

submitted for the partial fulfillment for the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

Submitted by

**M.ABINISHA (A20CAEB01)**

**R.ANANDHI (A20CAEB03)**

**S.SOWMIYA (A20CAEB29)**

*under the guidance of*

**Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil., Ph.D.,**

Head Post Graduate and Research Department of Computer Applications



**PG DEPARTMENT OF COMPUTER APPLICATION  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Thiruvalluvar University, Vellore)

**CUDDALORE – 607001**

**APRIL 2023**

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**STUDENT INFORMATION MANAGEMENT  
SYSTEM**

Being submitted to the St. Joseph's College of Arts & Science(Autonomous)  
Affiliated to Thiruvalluvar University, Vellore.

By

**M.ABINISHA(A20CAEB01)**

**R.ANANDHI(A20CAEB03)**

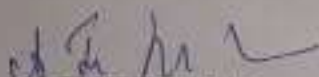
**S.SOWMIYA(A20CAEB29)**

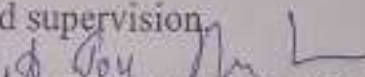
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**INTERNAL**

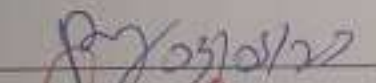
  
**HEAD OF THE DEPARTMENT**

**Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil., Ph.D.,**  
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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 03.05.2023

**Examiners:**

1. 

2. 

03/05/23

# **BIMS (BUS INFORMATION MANAGEMENT SYSTEM)**

**A Mini-project Report**

Submitted for the partial fulfilment for the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

by

**V.ANUSTIYA (Reg No: A20CAEB04)**

**S. ISWARYA (Reg No: A20CAEB09)**

**S. SANDHIYA (Reg No: A20CAEB26)**

Under the Guidance of

**Dr. G. SURESH, M.C.A, M. Phil, Ph.D.,**

(Asst. Professor, PG Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**

**CUDDALORE-607 001**

**MAY -2023**



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By

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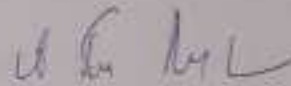
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INTERNAL GUIDE

**Dr. G. SURESH, M.C.A., M.Phil., Ph.D.,**  
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St. Joseph's College of Arts & Science  
(Autonomous)  
Cutt 607 001

Submitted for the Viva-Voce examination held on 3.05.2023

Examiners:

1. 

2. 

03/05/23

# DOCTOR APPOINTMENT BOOKING SYSTEM

*A Mini Project Report*

*submitted for the partial fulfillment for the award of degree of*

## BACHELOR OF COMPUTER APPLICATIONS

*By*

R.ARTHI            A20CAEB05

S.PAVITHRA      A20CAEB19

*Under the Guidance of*

**Dr.A.Lourdu Caroline, M.C.A., M.Phil., Ph.D.,**

*(Assistant Professor, Department of Computer Applications)*



**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),**  
**AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE**  
**CUDDALORE-607 001**

**MAY-2023**

## CERTIFICATE

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by

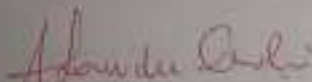
**R.ARTHI      A20CAEB05**

**S.PAVITHRA      A20CAEB19**

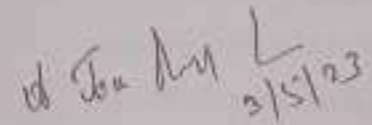
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**INTERNAL GUIDE**

**Dr. A. LOURDU GANESAN, M.A., M.Phil., Ph.D.,**  
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Cuddalore - 607 001.

  
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(Autonomous)  
Cuddalore - 607 001.

Submitted for the viva-voce examination held on 03.05.2023

**Examiners:**

1.   
2.   
03/05/23

# **RESUME FILTERING SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

**BY**

**S.AKSHAYA (A20CAEB02)**

**B.AYESHA SITHIZZA BEGUM (A20CAEB06)**

**M.KARPAGAVALLI (A20CAEB12)**

Under the Guidance of

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

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**CUDDALORE-607001**

**MAY-2023**



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### **RESUME FILTERING SYSTEM**

Being Submitted to

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By

**S.AKSHAYA (A20CAEB02)**

**B.AYESHA SITHIZZA BEGUM (A20CAEB06)**

**M.KARPAGAVALLI (A20CAEB12)**

For the partial fulfillment for the award of degree of

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**INTERNAL GUIDE**

**Dr. R. ROSELINE, M.C.A., M.Phil., Ph.D.,**

Assistant Professor

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**HEAD OF THE DEPARTMENT**

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HOD & Assistant Professor

PG Dept. of Computer Applications

St. Joseph's College of Arts & Science

(Autonomous)

Cuddalore - 607 001

Submitted for the viva-voce examination held on 3.05.23

**Examiners:**

1.

2.

03/05/23

# **MESMERIC COSMETICS SHOP**

A mini project report

Submitted for the partial fulfillment for

the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

Submitted by

**DHANASHREE S (A20CAEB08)**

**RESHMA G (A20CAEB24)**

**SUBIKSHA D (A20CAEB31)**

Under The Guidance of

**Dr. A. NIRMALA M.C.A., M.Phil., Ph.D.**

Assistant Professor ,PG Department Of Computer Applications



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)

CUDDALORE-607001

MAY -2023

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This is to certify that the Mini Project entitled  
**MESMERIC COSMETICS SHOP**

being Submitted to the

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(Affiliated to Thiruvalluvar University-Vellore.)

By

**DHANSHREE S      A20CAEB08**

**RESHMA G      A20CAEB24**

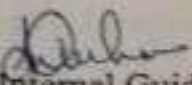
**SUBIKSHA D      A20CAEB31**

For the partial Fulfillment for the award of Degree of

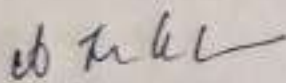
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under our guidance and Supervision.

  
Internal Guide

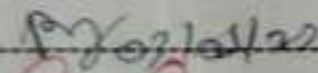
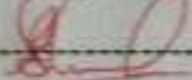
**Dr. A. NIRMALA, M.C.A., M.Phil., Ph.D.,**  
Assistant Professor  
PG & Research Dept. of Computer Applications  
St. Joseph's College of Arts and Science (Autonomous)  
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Head Of The Department

**Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil., Ph.D.,**  
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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 23.05.2023

Examiners:

1.   
2.   
23/05/23

# **B & B FOOD SQUARE (ONLINE CAKE ORDERING)**

## **A Mini-Project Report**

Submitted for the partial fulfillment of the requirement for the award of the degree of

### **BACHELOR OF COMPUTER APPLICATIONS**

Submitted by

**M. JAYASRI (A20CAEB10)**

**M. KALAISELVI (A20CAEB11)**

**S. JANANI (A20CAEB36)**

Under the Guidance of

**Mr. J. ROBERT ADAIKALARAJ M.S.(IT), M.Phil.,**

(Assistant Professor, PG Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO THIRUVALLUVAR UNIVERSITY - VELLORE**

**CUDDALORE-607001**

**MAY - 2023**



## CERTIFICATE

This is to certify that the Mini-Project entitled  
**B & B FOOD SQUARE (ONLINE CAKE ORDERING)**  
being submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore-1

(Affiliated to Thiruvalluvar University – Vellore)


Submitted by

**MLJAYASRI (A20CAEB10)**  
**MKALAI SELVI (A20CAEB11)**  
**S. JANANI (A20CAEB36)**

for the partial fulfillment for the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

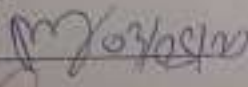
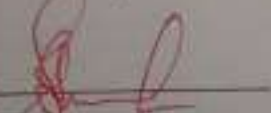
is a bonafide record of work carried out by them, under my guidance and supervision.

  
**INTERNAL GUIDE**  
**J. ROBERT ANANTHAKRISHNAN, M.Sc.IT, M.P.M.**  
Assistant Professor,  
PG Dept. of Computer Applications,  
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Submitted for the viva-voce examination held on 3/5/2022 Cuddalore - 607 001.

  
**HEAD OF DEPARTMENT**  
**Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.P.M., M.D.**  
HOD & Assistant Professor  
PG Dept. of Computer Applications,  
St. Joseph's College of Arts & Science  
(Autonomous)

Examiners:

1.   
2.   
03/05/22

# **CABLE TV OPERATOR MONITORING SYSTEM**

A Mini Project Report

Submitted For The Partial Fulfillment for the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

Submitted by

M.NIVEDHA (A20CAEB17)

S.SATHIYA JOTHI (A20CAEB27)

M.SUMAIYA PARVEEN (A20CAEB32)

Under the guidance of

MR.C.JUSTIN MARSHAL,M.SC(IT),M.Phil.,

(Asst.Professor, Department Of Computer Applications )



PG DEPARTMENT OF COMPUTER APPLICATIONS  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE )  
CUDDALORE-1

MAY-2023

## CERTIFICATE

This is to certify that the mini project report entitled  
**CABLE TV OPERATOR MONITORING SYSTEM**

Being submitted to  
St. Joseph's College of Arts and Science (Autonomous) Cuddalore - 1  
(Affiliated to Thiruvalluvar University, Vellore.)

By

M.NIVEDHA (A20CAEB17)

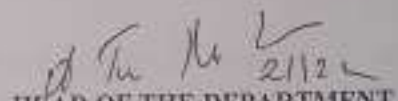
S.SATHIYA JOTHI (A20CAEB27)

M.SUMAIYA PARVEEN (A20CAEB32)

for the partial Fulfillment for the award of degree of  
**BACHELOR OF COMPUTER APPLICATIONS**  
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under my guidance and supervision

  
INTERNAL GUIDE

C. JUSTIN MARSHAL, M.Sc., (IT), M.Phil.  
Asst. Prof., P.G. & Research  
Dept. of Computer Applications,  
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(Autonomous)  
Cuddalore - 607 001

Submitted for the viva-voce examination on 03/05/2023

Examiners:

1.

2.

  
  
03/05/23

# **RESIDENTIAL VENUE**

A Mini Project Report

Submitted for partial fulfilment for the award of the degree of

**BACHELOR OF COMPUTER APPLICATIONS**

By

**R.NIVETHA (A20CAEB18)**

**R.RASIGA (A20CAEB23)**

**G.KANIMOZHI (A20CAEB41)**

Under the Guidance of

**Dr. A. MARY ODILYA TEENA M.C.A., M.Phil., Ph.D.,**

(Asst. Professor, PG Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
**ST. JOSEPH'S COLLEGE OF ARTS SCIENCE (AUTONOMOUS)**  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)

CUDDALORE-607001

**MAY-2023**



## CERTIFICATE

This is to certify that the mini project entitled

### RESIDENTIAL VENUE

Being Submitted to the

St. Joseph's College Of Arts and Science (Autonomous)

(Affiliated To Thiruvalluvar University, Vellore)

By

R.NIVETHA (A20CAEB18)

R.RASIGA (A20CAEB23)

G.KANIMOZHI (A20CAEB41)

For the partial fulfilment for the award of degree of

### BACHELOR OF COMPUTER APPLICATIONS

is a bonafide record of work carried out by them,

Under Our Guidance and Supervision.

*A. Mary Odilya Teena*  
**INTERNAL GUIDE**

**Dr. A. MARY ODILYA TEENA, MCA, M.Phil., Ph.D.,**  
Assistant Professor,

PG Department of Computer Applications,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-1.

Examiners.

1. *[Signature]*

2. *[Signature]*

*03/05/23*

*[Signature]*  
**HEAD OF THE DEPARTMENT**

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PG Department of Computer Applications,  
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Cuddalore - 607 001.

# **ARGON ASSAULT**

A Mini Project Report

submitted for partial fulfilment for the award of the degree of

**BACHELOR OF COMPUTER APPLICATIONS**

by

**D. KEERTHIGA DEVI (A20CAEB13)**

**S. POOJA (A20CAEB20)**

under the Guidance of

**Dr. I. BENJAMIN FRANKLIN, M.C.A., M.Phil., Ph.D.,**

Assistant Professor, PG Department of Computer Applications



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS SCIENCE (AUTONOMOUS)**

(AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)

CUDDALORE-607001

**MAY-2023**

## CERTIFICATE

This is to certify that the mini project entitled

### ARGON ASSAULT

being Submitted to the

St. Joseph's College of Arts and Science (Autonomous)

(Affiliated To Thiruvalluvar University, Vellore)

by

**D. KEERTHIGA DEVI (A20CAEB13)**

**S. POOJA (A20CAEB20)**

for the partial fulfilment for the award of degree of

### BACHELOR OF COMPUTER APPLICATIONS

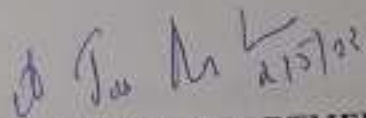
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#### INTERNAL GUIDE

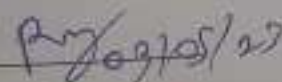
  
**Dr. I. BENJAMIN FRANKLIN, MCA, M.Phil, Ph.D.,**  
Assistant Professor,  
PG Department of Computer Applications,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.


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**Dr. A. JOHN PRADEEP EBENEZER, MCA, M.Phil, Ph.D.,**  
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(Autonomous)  
Cuddalore - 607 001.

Submitted for the viva-voce examination held on 03.05.2023

Examiners:

1. 

2.   
03/05/23

**PVB PET PALACE**

A Mini Project Report Submitted for  
The partial fulfilment for the award of degree

**BACHELOR OF COMPUTER APPLICATIONS**

**by**

V. PREMALATHA(A20CAEB22)

R. VARSHA(A20CAEB34)

V. BHUVANESWARI(A20CAEB07)

Under the Guidance of

**Mr. Z. JOHN BERNARD M.C.A., M.Phil.,**

(Assistant Professor, PG Department of Computer Applications)



PG DEPARTMENT OF COMPUTER APPLICATIONS  
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(Affiliated to Thiruvalluvar University, Vellore)

**CUDDALORE-607001**

**May – 2023**



## CERTIFICATE

This is to certify that the Mini Project entitled

**PVB PET PALACE**

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous)**

(Affiliated to Thiruvalluvar University, Vellore)

V. BHUVANESWARI (A20CAEB07)

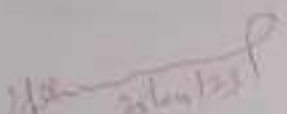
V. PREMALATHA (A20CAEB22)

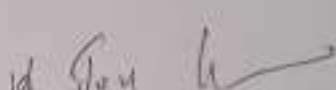
R. VARSHA (A20CAEB34)

For the partial fulfilment for the award of degree of  
**BACHELOR OF COMPUTER APPLICATIONS**

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Under my guidance and supervision.

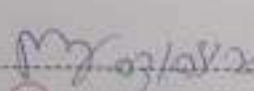
  
INTERNAL GUIDE

  
HEAD OF THE DEPARTMENT

Dr. A. JOHN PRADEEP EBENEZER, MCA, MPA, PhD.  
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(Autonomous)  
Cuddalore - 607 001.

Submitted for the viva-voce examination held on 03-05-2023

Examiners:

1.   
03/05/23

2.   
03/05/23

**SUBHA MANGAL**

A Mini Project Report

Submitted for partial fulfilment for the award of the degree of

**BACHELOR OF COMPUTER APPLICATIONS**

by

**S. RITHIKA (A20CAEB25)**

**G. SOWMYA (A20CAEB30)**

**S. MEENA LOSHINI (A20CAEB15)**

Under the Guidance of

**Dr. R. Aruna Kirithika M.C.A., M.Phil., Ph.D.,**

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS SCIENCE (AUTONOMOUS)**

(AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)

CUDDALORE-607001

**MAY-2023**

## CERTIFICATE

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Being Submitted to the

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(AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)

CUDDALORE-607001

By

**S. MEENA LOSHINI (A20CAEB15)**

**S. RITHIKA (A20CAEB25)**


**G. SOWMYA (A20CAEB30)**

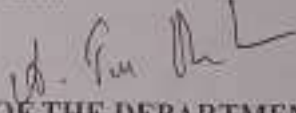
For the partial fulfilment for the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

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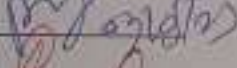
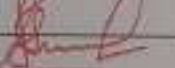
  
**INTERNAL GUIDE**  
Assistant Professor,  
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St. Joseph's College of Arts and Science (Autonomous),  
CUDDALORE - 607001

  
**HEAD OF THE DEPARTMENT \***

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PG Dept. of Computer Applications  
St. Joseph's College of Arts & Science  
Cuddalore

Submitted for the viva-voce examination held on 04.05.2023

Examiners:

1.   
03/05/23
2.   
03/05/23

# **ONLINE GIFT SHOPPING**

A Mini Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

By

**P.PRAKATHI** [A20CAEB21]

**J.SHINIVINNARASI** [A20CAEB28]

**A.THASLIMA** [A20CAEB33]

Under the Guidance of

**DR. S.ANAND CHRISTY, M.C.A., M.Phil., M.Com., M.B.A., Ph.D.,**

Asst. Professor, PG Department of Computer Applications



Post Graduate Department Of Computer Applications

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607 001**

**MAY- 2023**



# CERTIFICATE

is to certify the mini project entitled

## ONLINE GIFT SHOPPING

Being submitted to the

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

( Affiliated to Thiruvalluvar University- Vellore)

CUDDALORE-607 001

By

P.PRAKATHI A20CAEB21

J.SHINIVINNARASI A20CAEB28

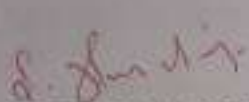
A.THASLIMA A20CAEB33

For the partial fulfillment for the award of degree of

## BACHELOR OF COMPUTER APPLICATIONS

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.

  
**INTERNAL GUIDE**


**Dr. S. ANAND CHRISTY,**  
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Cuddalore-1, 607 001.

Submitted for the viva-voice examination held on 03/05/2023

Examiners:

1.   
03/05/23

2.   
03/05/23

# **A3\_MUSIC WEBSITE**

A Mini\_project report  
Submitted for the partial fulfillment  
For the award of the degree

## **BACHELOR OF THE COMPUTER APPLICATIONS**

by

**P.ABINAYA (A20CAEB38)**

**R.BUVANA (A20CAEB42)**

**A.DURGA DEVI (A20CAEB43)**

Under the valuable guidance of

**Mrs.K.Padmavathi M.Sc.,M.Phil.,SET,**

Assistant Professor , Post Graduate Department of Computer Applications



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS)**

**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**

**CUDDALORE - 1**

**MAY - 2023**

# **CERTIFICATE**

This is to certify that mini project entitled

## **A3\_MUSIC WEBSITE**

being submitted to the

St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1

Affiliated to Thiruvalluvar University, Vellore

BY

**P.ABINAYA (A20CAEB38)**

**R.BUVANA (A20CAEB42)**

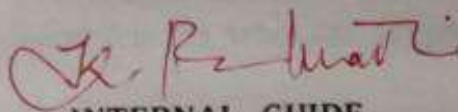
**A.DURGA DEVI (A20CAEB43)**

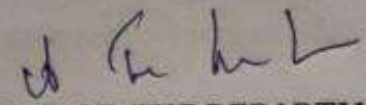
for the partial fulfillment for the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

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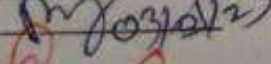
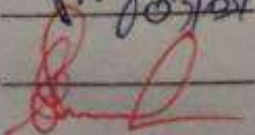
  
**INTERNAL GUIDE**

  
**HEAD OF THE DEPARTMENT**

**Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil., Ph.D.,**  
HOD & Assistant Professor  
PG Dept. of Computer Applications  
St. Joseph's College of Arts & Science  
(Autonomous)  
Cuddalore - 607 001.

Submitted for the viva - voce examination held on 03. 5. 2023

Examiners:

1.   
2.   
03/05/23

# **MP HOTEL ONLINE FOOD ORDER**

A Mini Project Report

Submitted for partial fulfillment for the award of the degree of

**BACHELOR OF COMPUTER APPLICATIONS**

**MANJUSRI V (A20CAEB14)**

**YOGAPRIYA I (A20CAEB35)**

**MAHALAKSHMI V (A20CAEB40)**

Under the guidance of

**Mrs. R. VIDHYA LAKSHMI, M.C.A, M.Phil., Ph.D., SET**

Asst professor, PG Department of Computer Applications



**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

Affiliated to Thiruvalluvar University, Vellore  
CUDDALORE-607 001

**MAY-2023**



## CERTIFICATE

This is to certify that the Mini project entitled

**MP HOTEL ONLINE FOOD ORDER**

Being Submitted to the

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Thiruvalluvar University, Vellore)

CUDDALORE-607 001

Submitted By

MANJUSRI V (A20CAEB14)

YOGAPRIYA I (A20CAEB35)

MAHALAKSHMI V (A20CAEB40)

For the partial fulfillment for the award of the degree of

**BACHELOR OF COMPUTER APPLICATIONS**

Is a Bonafide Record of work carried out by them,

Under our guidance and supervision.

Internal Guide

*H. Vidhyalakshmi*

Head of the Department

*Dr. A. JOHN PRADEEP EBENEZER*  
HOD & Assistant Professor  
PG Dept. of Computer Applications  
St. Joseph's College of Arts & Science  
(Autonomous)  
Cuddalore-607 001

Submitted for Viva-Voce Examination held on 3.5.2023

Examiners:

1. *[Signature]*

2. *[Signature]*

*03/05/23*

**BRIGHT INSTITUTE ERP WEBSITE**

**A Mini-Project Report**

Submitted for partial fulfillment of the requirement for the award of the degree of  
Master of Science in Information Technology

Submitted by

**S.ANUSHA PRIYA (A21MIT01)**

Under the Guidance of

**Dr.A.John Pradeep Ebenezer M.C.A., M.Phil.,**

**Head of the Department and Assistant Professor**

**(Post Graduate Department of Computer Applications)**



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM**

**CUDDALORE-607001**

**DECEMBER – 2022**

**CERTIFICATE**

This is to certify that the Mini-Project entitled

**BRIGHT INSTITUTE ERP WEBSITE**

Being submitted to

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),

(Affiliated to Annamalai university - Chidambaram)

Submitted By

**S.ANUSHA PRIYA (A21MIT01)**

For the partial Fulfillment for the award of degree of

Master of Science in Information Technology

Is a Bonafide record of work carried out by her, Under my guidance and supervision.

*cd Tu M L 12/12/2012*  
INTERNAL GUIDE

**Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil., Ph.D.,**  
HOD & Assistant Professor  
PG Dept. of Computer Applications  
St. Joseph's College of Arts & Science  
(Autonomous)  
Cuddalore - 607 001.

*cd Tu M L 12/12/2012*  
HEAD OF THE DEPARTMENT

**Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil., Ph.D.,**  
HOD & Assistant Professor  
PG Dept. of Computer Applications  
St. Joseph's College of Arts & Science  
(Autonomous)  
Cuddalore - 607 001.

Submitted for the viva-voce examination on 13/12

Examiners:

1. *Shilhalul 13/12*

2. *M. A. 13/12*

## **FRESHERS WORLD**

### **A Main-Project Report**

Submitted for partial fulfillment of the requirement for the award of the degree of  
Master of Science in Information Technology

Submitted by

**S.ANUSHA PRIYA (A21MIT01)**

Under the Guidance of

**Dr.A.JohnPradeep Ebenezer M.C.A., M.Phil.,**

**Head of the Department and Assistant Professor**

**(Post Graduate Department of Computer Applications)**



PG DEPARTMENT OF COMPUTER APPLICATIONS

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM

CUDDALORE-607001

MAY – 2023



**CERTIFICATE**

This is to certify that the Main-Project entitled

**FRESHERS WORLD**

Being submitted to

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),

(Affiliated to Annamalai university – Chidambaram)

Submitted By

**S.ANUSHA PRIYA (A21MIT01)**

For the partial Fulfillment for the award of degree of

Master of Science in Information Technology

Is a Bonafide record of work carried out by her, Under my guidance and supervision.

*Dr. Sou M* 2/2/23  
INTERNAL GUIDE

*Dr. P. M* 2/2/23  
HEAD OF THE DEPARTMENT

Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil., Ph.D.,  
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Cuddalore - 607 001.

Submitted for the viva-voce examination on 3 / 5 / 2023

Examiners:

1. *Dr. M*  
2. *Dr. P*

# **STUDENT DISABILITY MANAGEMENT**

## **A Mini-Project Report**

submitted for the partial fulfilment of the requirement for the award of the degree of

## **MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**R. DEEPAN (A21MIT03)**

Under the Guidance of

**Dr. G. SURESH M.C.A., M.Phil., Ph.D.,**

(Assistant Professor, PG Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO ANNAMALAI UNIVERSITY - CHIDAMBARAM**

**CUDDALORE-607001**

**DECEMBER- 2022**

## CERTIFICATE

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### **STUDENT DISABILITY MANAGEMENT**

being submitted to St. Joseph's College of Arts and Science (Autonomous),

Cuddalore-1

(Affiliated to Annamalai University – Chidambaram)

Submitted by

**R. DEEPAN (A21MIT03)**

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### **MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

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**INTERNAL GUIDE**

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Submitted for the viva-voce examination held on 13.12.2022 Cuddalore - 607 001.

Examiners:





# **EMPLOYEE MANAGEMENT SYSTEM**

## **A Main-Project Report**

Submitted for the partial fulfillment of the requirement for the award of the degree of

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**R.DEEPAN (A21MIT03)**

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CUDDALORE-607001

**MAY- 2023**



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### **EMPLOYEE MANAGEMENT SYSTEM**

being submitted to St. Joseph's College of Arts and Science (Autonomous),

Cuddalore-1

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Submitted by

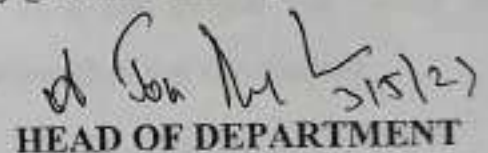
**R.DEEPAN (A21MIT03)**

for the partial fulfillment for the award of degree of

### **MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

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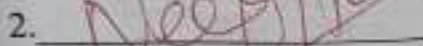
  
INTERNAL GUIDE

  
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Submitted for the viva-voce examination held on 3/5/2023

Examiners:

1. 

2. 

Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil., Ph.D.  
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Cuddalore - 607 001.

**CULTURAL EVENT**

**A Mini-Project Report**

Submitted for partial fulfilment of the requirement for the award of the degree of  
Master of Science in Information Technology

Submitted by

**G.DINESH KUMAR (A21MIT04)**

Under the Guidance of

**Dr. A.Lourdu Caroline M.C.A., M.Phil., Ph.D.,**

(PG Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University, Chidambaram)

**CUDDALORE-607001**

**DECEMBER- 2022**

CERTIFICATE

This is to certify that the Mini-Project entitled

CULTURAL EVENT

Being submitted to

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(Affiliated to Annamalai University, Chidambaram)

Submitted By

G.DINESH KUMAR (A21MIT04)

For the partial Fulfillment for the award of degree of  
Master of Science in Information Technology

Is a Bonafide record of work carried out by him, Under my guidance and  
supervision.

*[Signature]*

INTERNAL GUIDE

*[Signature]* 12/12/22

HEAD OF DEPARTMENT

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Cuddalore - 607 001

Submitted for the viva-voce examination on 13/12/2022

Examiners:

1. *[Signature]*
2. *[Signature]* 13/12/22

# **CARRENTAL**

**A Mini Project Report**

**submitted for the partial fulfillment for the award of degree of**

**Master of Science in Information Technology**

**Submitted**

**by**

**G.DINESH KUMAR (A21MIT04)**

**Under the Guidance of**

**Dr.A.Lourdu Caroline, M.C.A., M.Phil., Ph.D.,**

**(Asst. Professor, Post Graduate Department of Computer Applications)**



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM.**

**CUDDALORE-607001**

**MAY – 2023**



# CERTIFICATE

This is to certify that the mini project report entitled

## CARRENTAL

being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore – 1

Affiliated to Thiruvalluvar University, Vellore.

By

**G.DINESH KUMAR (A21MIT04)**

for the partial fulfillment for the award of degree of

**Master of Science in Information Technology**

is a bonafide record of work carried out by them

under my guidance and supervision.

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Cuddalore - 607 001.

Submitted for the viva-voce examination on 31/05/2023

Examiners:

1. *Handwritten Signature*
2. *Handwritten Signature*

# **USERAUTHENTICATION WITH JWT TOKEN**

A Mini-Project Report

Submitted for partial fulfilment for the award of the degree of

**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

Submitted by

**R.GNANAPRAKASH (A21MIT05)**

Under the Guidance of

**MISS. R. VIJAYALAKSHMI M.SC (CS),**

(Guest Lecturer, PG Department of Computer Applications)



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM**

**CUDDALORE-607001**

**DECEMBER – 2022**

## CERTIFICATE

This is to certify that the Mini-Project entitled  
USER AUTHENTICATION WITH JWT TOKEN

Being submitted to

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai university – Chidambaram)

Submitted By

R.GNANAPRAKASH (A21MIT05)

For the partial Fulfillment for the award of degree of

**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

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INTERNAL GUIDE

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Cuddalore - 607 001.

Submitted for the viva-voce examination on 13.12.2022

Examiners:

1.

2.

# **VIDEO CALL APPLICATION**

A Main-Project Report

Submitted for partial fulfilment of the requirement for the award of the degree of

Master of Science in Information Technology

Submitted by

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**(AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM)**

**CUDDALORE-607001**

**MAY – 2023**



## CERTIFICATE

This is to certify that the Mini-Project entitled

### VIDEO CALL APPLICATION

Being submitted to

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),**

(Affiliated to Annamalai university – Chidambaram)

Submitted By


**R. GNANAPRAKASH (A21MIT05)**

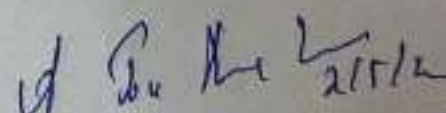
For the partial Fulfilment for the award of degree of

### MASTER OF SCIENCE IN INFORMATION TECHNOLOGY

Is a Bonafide record of work carried out by her,

Under my guidance and supervision.

  
**INTERNAL GUIDE**

  
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Submitted for the viva-voce examination on 03-05-2023

**Examiners:**

1. 

2. 

# **WEATHER APPLICATION**

## **A Mini-Project Report**

Submitted for partial fulfilment of the requirement for the award of the degree of

**Master of Science in Information Technology**

Submitted by

**K.GOWTHAMAN(A21MIT06)**

Under the Guidance of

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**

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**AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM**

**CUDDALORE-607001**

**DECEMBER – 2022**

## CERTIFICATE

This is to certify that the Mini Project entitled

### WEATHER APPLICATION

Being submitted to

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

(Affiliated to Annamalai University - Chidambaram)

Submitted by

**K.GOWTHAMAN (A21MIT06)**

For the partial fulfillment for the award of degree of

**Master of Science in Information Technology**

Is a Bonafide record of work carried out by him, under my guidance and supervision.

*[Signature]*  
12/12/22  
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Department of Computer Applications  
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Submitted for the viva-voce examination on 13.12.2022

Examiners:

1.

*[Signature]*  
13/12/22

2.

*[Signature]*  
13/12/22



# **THE RED SPOT PROJECT**

**A Main-Project Report**

submitted for partial fulfilment of the requirement for the award of the degree of  
**Master of Science in Information Technology**

Submitted by

**K.GOWTHAMAN(A21MIT06)**

Under the Guidance of

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MAY-2023



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### THE RED SPOT PROJECT

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ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),

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Submitted by

K.GOWTHAMAN (A21MIT06)

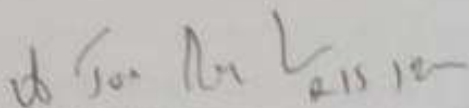
For the partial fulfillment for the award of degree of

Master of Science in Information Technology

Is a Bonafide record of work carried out by him, under my guidance and supervision.

  
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PG Dept. of Computer Science  
St. Joseph's College of Arts & Science  
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Cuddalore

Submitted for the viva-voce examination on 03/05/23

Examiners:

- 
- 

# **PERSONAL PORTFOLIO**

## **A Mini-Project Report**

Submitted for partial fulfilment of the requirement for the award of the degree  
of

**Master of Science in Information Technology**

Submitted by

**A. HEMNATH (A21MIT07)**

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(PG Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM.**

**CUDDALORE-607001**

**DECEMBER – 2022**

# CERTIFICATE

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## **PERSONAL PORTFOLIO**

Being submitted to

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),**

(Affiliated to Annamalai University – Chidambaram)

Submitted By

**A. HEMNATH (A21MIT07)**

For the partial Fulfillment for the award of degree of

## **Master of Science in Information Technology**

Is a bonafied record of work carried out by him,

Under my guidance and supervision.

  
**INTERNAL GUIDE**

**J. ROBERT ADAIKALARAJ, M.S.(IT), M.Phil.,**  
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Submitted for the viva-voce examination held on 13/12/2022

**Examiners:**

1. 

2. 

# **THE SPICY MEAL RESTAURANT**

## **A Main-Project Report**

Submitted for partial fulfilment of the requirement for the award of the degree  
of

## **Master of Science in Information Technology**

Submitted by

**A. HEMNATH (A21MIT07)**

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**

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**AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM**

**CUDDALORE-607001**

**APRIL - 2023**



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Submitted By

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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 03-05-2023

**Examiners:**

1. 

2. 

# **MY PERSONAL PORTFOLIO**

A Mini-Project Report

submitted for the partial fulfillment for the award of degree of

**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

by

**KRISHNARAJ U (A21MIT09)**

under the Guidance of

**Dr. I. BENJAMIN FRANKLIN, M.C.A., M.Phil., Ph.D.,**

Assistant Professor, PG Department of Computer Applications



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE**

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**CUDDALORE - 607001**

**DECEMBER – 2022**

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## MY PERSONAL PORTFOLIO

being submitted to

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**CUDDALORE-1**

(Affiliated to Annamalai University, Annamalai Nagar)

by

**KRISHNARAJ U (A21MIT09)**

for the partial Fulfillment for the award of degree of

**Master of Science (Information Technology)** is a bonafide record of work

carried out by him, under my guidance and supervision.

  
Internal Guide

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Submitted for the viva-voice examination held on 13.12.2022

Examiners:

1. 

2. 

# **E-COMMERCE ONLINE FASHION**

A Main-Project Report

submitted for the partial fulfillment for the award of degree of

**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

by

**KRISHNARAJ U (A21MIT09)**

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**

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**CUDDALORE - 607001**

**MAY – 2023**



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**E-COMMERCE ONLINE FASHION**

being submitted to

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**CUDDDALORE-1**

(Affiliated to Annamalai University, Annamalai Nagar)

by

**KRISHNARAJ U (A21MIT09)**

for the partial Fulfillment for the award of degree of

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*Dr. I. Benjamin Franklin*  
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Submitted for the viva-voice examination held on 03/05/2023

Examiners:

1. *[Signature]*

2. *[Signature]*

HELLO FRESH SHOPPING WEBSITE

**A Mini-Project Report**

Submitted for partial fulfillment of the requirement for the award of the degree of  
Master of Science in Information Technology

Submitted by

**M.MADHUMITHA (A21MIT10)**

Under the Guidance of

**Mrs. R.Vidhya Lakshmi M.C.A., M.Phil.,SET,**  
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PG DEPARTMENT OF COMPUTER APPLICATIONS

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AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM

CUDDALORE-607001

DECEMBER – 2022

CERTIFICATE

This is to certify that the Mini-Project entitled

HELLO FRESH SHOPPING WEBSITE

Being submitted to

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),

(Affiliated to Annamalai university - Chidambaram) Submitted

By

**M.MADHUMITHA (A21MIT10)**

For the partial Fulfillment for the award of degree of

Master of Science in Information Technology

Is a Bonafide record of work carried out by her, Under my guidance and supervision.

INTERNAL GUIDE

(B. Vithayarkutty)

Ch. Joe M. 12/12/2022  
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HOD & Assistant Professor  
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Cuddalore - 607 001.

Submitted for the viva-voce examination on 13-12-2022

Examiners:

1. Shilpa  
2. M. A. J. 13/12/22

# **HOSTEL MANAGEMENT SYSTEM**

## **A Mini-Project Report**

Submitted for partial fulfilment of the requirement for the award of the degree of  
Master of Science in Information Technology

Submitted by

**M. MADHUMITHA(A21MIT10)**

Under the Guidance of

**Mrs.R.VIDHYA LAKSHMI M.C.A.,M.Phil.,SET,**

( PG Department of Computer Applications)



PG DEPARTMENT OF COMPUTER APPLICATIONS  
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AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM  
CUDDALORE-607001

MAY – 2023



**CERTIFICATE**

This is to certify that the Mini-Project entitled

**HOSTEL MANAGEMENT SYSTEM**

Being submitted to

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),

(Affiliated to Annamalai university – Chidambaram)

Submitted By

**M. MADHUMITHA (A21MIT10)**

For the partial Fulfillment for the award of degree of

Master of Science in Information Technology

Is a Bonafide record of work carried out by her, Under my guidance and supervision.

**INTERNAL GUIDE**

*R. Vidhyalakshmi*

*Dr. A. John Pradeep Ebenezer*  
**HEAD OF THE DEPARTMENT**

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(Autonomous)  
Cuddalore - 607 001.

Submitted for the viva-voce examination on 03.05.2023

Examiners:

1. *[Signature]*

2. *[Signature]*

# **ONLINE SHOPPING.**

## **A Mini-Project Report**

Submitted for the partial fulfilment of the requirement for the award of the degree of

### **MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**T.S PIRTHUMNAN (A21MIT11)**

Under the Guidance of

**Dr.R.ARUNA KIRTHIKA M.C.A.,M.Phil,Ph.D.,**

(Assistant Professor, PG Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO ANNAMALAI UNIVERSITY – CHIDAMBARAM**

**CUDDALORE-607001**

**NOVEMBER – 2022**

## CERTIFICATE

This is to certify that the Mini-Project entitled

### **ONLINE SHOPPING**

being submitted to St. Joseph's College of Arts and Science (Autonomous),

Cuddalore-1

(Affiliated to Annamalai University – Chidambaram)

Submitted by

**T.S PIRTHUMNAN(A21MIT11)**

for the partial fulfilment for the award of degree of

### **MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

is a bonafide record of work carried out by her, under my guidance and supervision.

  
**INTERNAL GUIDE**

**Dr. R. ARUNA KIRITHIKA,**

Assistant Professor,

PG Department of Computer Applications,

St. Joseph's College of Arts and Science (Autonomous),

Cuddalore - 607 001

Submitted for the viva-voce examination held on 13/12/22

  
**HEAD OF DEPARTMENT**

**Dr. A. JOHN PRADEEP EBENEZER, MCA, MCA, MCA,**  
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PG Dept. of Computer Applications  
St. Joseph's College of Arts & Science  
(Autonomous)  
Cuddalore - 607 001

Examiners:

1.   
13/12

2.   
13/12

# **Hospital Management System**

## **A Main-Project Report**

Submitted for the partial fulfilment of the requirement for the award of the degree of

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**T.S PIRTHUMNAN (A21MIT11)**

Under the Guidance of

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PG DEPARTMENT OF COMPUTER APPLICATIONS

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AFFILIATED TO ANNAMALAI UNIVERSITY – CHIDAMBARAM

CUDDALORE-607001

**May– 2023**



# CERTIFICATE

This is to certify that the Main-Project entitled  
**HOSPITAL MANAGEMENT SYSTEM**

being submitted to St. Joseph's College of Arts and Science (Autonomous),

Cuddalore-1

(Affiliated to Annamalai University – Chidambaram)

Submitted by

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*Aruna Kirithika*  
**INTERNAL GUIDE**

**Dr. R. ARUNA KIRITHIKA,**

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Submitted for the viva voce examination held on

*A John Pradeep Ebenezer*  
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Cuddalore-607 001.

03/05/2023

Examiners:

1. *[Signature]*

2. *[Signature]*

# **DREAMY TRAVELS**

## **A Mini-Project Report**

Submitted for partial fulfilment of the requirement for the award of the degree of

Master of Science in Information Technology

Submitted by

**S.RUICKSANA BEGAM(A21MIT12)**

Under the Guidance of

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PG DEPARTMENT OF COMPUTER APPLICATIONS

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AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM

CUDDALORE-607001

DECEMBER – 2022

## CERTIFICATE

This is to certify that the Mini-Project entitled

### DREAMY TRAVELS

Being submitted to

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),

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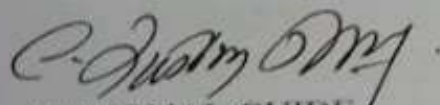
Submitted By

**S. RUICKSANA BEGAM (A21MIT12)**

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Master of Science in Information Technology

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Asst. Prof., P.G. & Research

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Cuddalore - 607 001



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Cuddalore - 607 001.

Submitted for the viva-voce examination on 13.12.2022

Examiners:

1. 

2. 

# **DREAM BUILT SERVICES**

## **A Main-Project Report**

Submitted for partial fulfilment of the requirement for the award of the degree of  
Master of Science in Information Technology

Submitted by

**S.RUICKSANA BEGAM(A21MIT12)**

Under the Guidance of

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CUDDALORE-607001

MAY – 2023



## CERTIFICATE

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### DREAM BUILT SERVICES

Being submitted to

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(Affiliated to Annamalai university – Chidambaram)

Submitted By

**S. RUICKSANA BEGAM (A21MIT12)**

For the partial Fulfillment for the award of degree of

Master of Science in Information Technology

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Under my guidance and supervision.

*C. Justin Marshall*  
INTERNAL GUIDE

**C. JUSTIN MARSHALL**, M.Sc., (IT), M.Phil.  
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Tudalur - 607 001

*Dr. John Pradeep Ebenezer* 2/5/23  
HEAD OF DEPARTMENT

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Tudalur - 607 001

Submitted for the viva-voce examination on 02.05.2023

Examiners:

1. *[Signature]*

2. *[Signature]*

**SCUTZZ**

**A Mini-Project Report**

Submitted for partial fulfilment for the award of the degree of  
**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

Submitted by

**R. SELVAMANI (A21MIT14)**

Under the Guidance of

**MISS. R. VIJAYALAKSHMI M.SC (CS),**

(Guest Lecturer, PG Department of Computer Applications)



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM**

**CUDDALORE-607001**

**DECEMBER – 2022**

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Being submitted to

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University – Chidambaram)

Submitted By

**R. SELVAMANI (A21MIT14)**

For the partial Fulfillment for the award of degree of

**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

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Under my guidance and supervision.

*veri*  
**INTERNAL GUIDE**

*Dr. A. John Pradeep Ebenezer*  
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(Autonomous)  
Cuddalore - 607 001.

Submitted for the viva-voce examination on 13/02/22

**Examiners:**

1. *Shilpika*

2. *M. A. John*

# **FIX MY VEHICLE**

A Main Project Report

Submitted for partial fulfillment for the award of the degree of

## **MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

Submitted by

**R. SELVAMANI (A21MIT14)**

Under the Guidance of

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM)

CUDDALORE-607001

MAY – 2023



# CERTIFICATE

This is to certify that the Main-Project entitled

**FIX MYVEHICLE**

Being submitted to

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai university – Chidambaram)

Submitted By

**R. SELVAMANI (A21MIT14)**

For the partial Fulfillment for the award of degree of

**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

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INTERNAL GUIDE

  
HEAD OF THE DEPARTMENT

Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil., Ph.D.,  
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Cuddalore - 607 001.

Submitted for the viva-voce examination on 03/05/23

Examiners:

1. 
2. 

# **BIKE SHOWROOM WEBSITE**

A Mini Project Report

in partial fulfilment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

**Submitted by**

**VIGNESH V**

**(A21MIT15)**

Under the guidance of

**Dr. S. ANAND CHRISTY, M.C.A., M.Phil., M.Com., M.B.A., Ph.D.,**

Assistant Professor, PG Department of Computer Applications

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM)

CUDDALORE-607001

# CERTIFICATE

This is to certify that the mini project entitled

**BIKE SHOWROOM WEBSITE**

being Submitted to the

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(Affiliated to the Annamalai University-Chidambaram)

Submitted by

**V.VIGNESH (A21MIT15)**

For the partial fulfilment for the award of the degree of

**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

is a bonafide Record of work carried out by them,

under our guidance and supervision.

*S. Anand Christy*  
12/12/2022  
**Internal Guide**

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M.C.A., M.Phil., M.Com., M.B.A., Ph.D.  
Assistant Professor,  
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Cuddalore-1.

*Dr. A. John Pradeep Ebenezer*  
12/12/22  
**Head of the Department**

**Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil., Ph.D.**  
HOD & Assistant Professor  
PG Dept. of Computer Applications  
St. Joseph's College of Arts & Science  
(Autonomous)  
Cuddalore - 607 001

Submitted for Viva-Voce Examination held on.....13/12/22.....

**Examiners:**

1. \_\_\_\_\_

2. \_\_\_\_\_

# **TWILIGHT CONSTRUCTION**

**A Main-Project Report**

Submitted for partial fulfillment for the award of the degree of

**Master of Science in Information Technology**

Submitted by

**V.VIGNESH (A21MIT15)**

Under the Guidance of

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Assistant Professor, Post Graduate Department of Computer Applications



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

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**AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM.**

**CUDDALORE-607001**

**MAY- 2023**



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### TWILIGHT CONSTRUCTION

Being submitted to

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),

(Affiliated to Annamalai University – Chidambaram)

Submitted By

**V.VIGNESH (A21MIT15)**

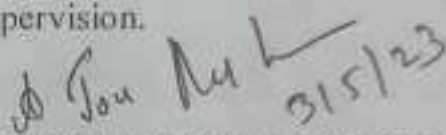
For the partial Fulfillment for the award of degree of

**Master of Science in Information Technology**

Is a bonafide record of work carried out by him,

Under my guidance and supervision.

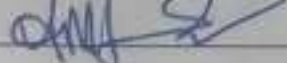
  
INTERNAL GUIDE

  
HEAD OF THE DEPARTMENT

Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil., Ph.D.  
HOD & Assistant Professor  
PG Dept. of Computer Applications  
St. Joseph's College of Arts & Science  
(Autonomous)  
Cuddalore - 607 001.

Submitted for the viva-voce examination held on 03.05.23

Examiners:

1. 

2. \_\_\_\_\_

## TEA TIME

### **A Mini-Project Report**

Submitted for partial fulfillment of the requirement for the award of the degree of  
Master of Science in Information Technology

Submitted by

**V.PRIYADHARSHINI (A21MIT17)**

Under the Guidance of

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**Head of the Department and Assistant Professor**

**(Post Graduate Department of Computer Applications)**



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM**

**CUDDALORE-607001**

**DECEMBER – 2022**

## CERTIFICATE

This is to certify that the Mini-Project entitled

### TEA TIME

Being submitted to

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),

(Affiliated to Annamalai university – Chidambaram)

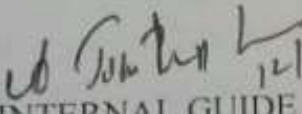
Submitted By

V.PRIYADHARSHINI(A21MIT17)

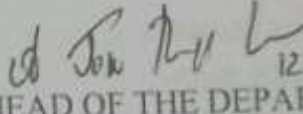
For the partial Fulfillment for the award of degree of

Master of Science in Information Technology

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12/12/2022  
INTERNAL GUIDE

Dr. A. JOHN PRADEEP EBENEZER, MCA, M.Phil, Ph.D.,  
HOD & Assistant Professor  
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Cuddalore - 607 001.

  
12/12/2022  
HEAD OF THE DEPARTMENT

Dr. A. JOHN PRADEEP EBENEZER, MCA, M.Phil, Ph.D.,  
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(Autonomous)  
Cuddalore - 607 001.

Submitted for the viva-voce examination on 13/12/2022

Examiners:

1. 

2. \_\_\_\_\_

# **BUS TRACKING AND INFORMATION SYSTEM**

## **A Main-Project Report**

Submitted for partial fulfillment of the requirement for the award of the degree of

Master of Science in Information Technology

Submitted by

**V.PRIYADHARSHINI (A21MIT17)**

Under the Guidance of

**Dr. A. John Pradeep Ebenezer M.C.A., M.Phil., Ph.D.,**

**Head of the Department and Assistant Professor**

(Post Graduate Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM**

**CUDDALORE-607001**

**MAY- 2023**



## CERTIFICATE

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### **BUS TRACKING AND INFORMATION SYSTEM**

Being submitted to

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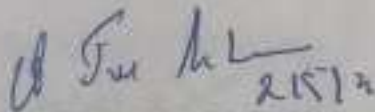
Submitted By

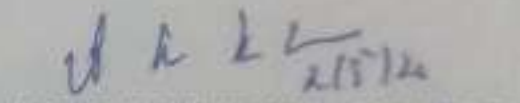
**V.PRIYADHARSHINI(A21MIT17)**

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INTERNAL GUIDE

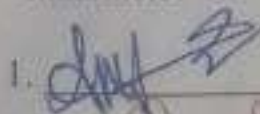

  
HEAD OF THE DEPARTMENT

**Dr. A. JOHN PRADEEP EBENEZER, MCA, M.Phil., Ph.D.,**  
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**Dr. A. JOHN PRADEEP EBENEZER, MCA, M.Phil., Ph.D.,**  
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Cuddalore - 607 001.

Submitted for the viva-voce examination on 3/5/2023

Examiners:

1. 
2. 

**ALEEF GARDEN RESTAURANT**

**A Mini-Project Report**

Submitted for partial fulfillment for the award of the degree of

**Master of Science in Information Technology**

Submitted by

**V.GOPINATH (A21MIT18)**

Under the Guidance of

**Dr. A. NIRMALA M.C.A., M.Phil., Ph.D.,**

Assistant Professor, Post Graduate Department of Computer Applications



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM.**

**CUDDALORE-607001**

**DECEMBER- 2022**

**CERTIFICATE**

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**ALEEF GARDEN RESTAURANT**

Being submitted to

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),

(Affiliated to Annamalai University – Chidambaram)

Submitted By

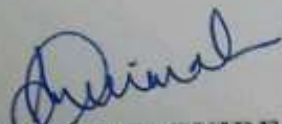
**V.GOPINATH (A21MIT18)**

For the partial Fulfillment for the award of degree of

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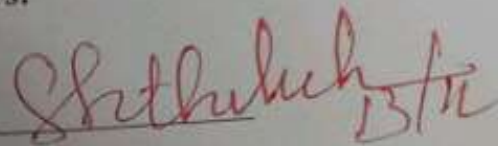
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Manjakuppam, Cuddalore - 607 001

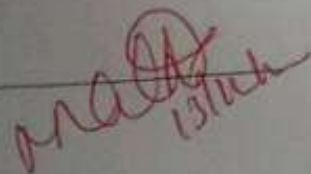
  
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PG Dept. of Computer Applications  
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(Autonomous)  
Cuddalore - 607 001.

Submitted for the viva-voce examination held on 15.12.2022

**Examiners:**

1. 

2. 

# **SEARCH BOT**

## **A Main-Project Report**

Submitted for partial fulfillment for the award of the degree of

**Master of Science in Information Technology**

Submitted by

**V.GOPINATH (A21MIT18)**

Under the Guidance of

**Dr. A. NIRMALA M.C.A., M.Phil., Ph.D.,**

Assistant Professor, Post Graduate Department of Computer Applications



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM.**

**CUDDALORE-607001**

**MAY – 2023**



## CERTIFICATE

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### SEARCH BOT

Being submitted to

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),

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Submitted By

**V.GOPINATH (A21MIT18)**

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**INTERNAL GUIDE**

  
**HEAD OF THE DEPARTMENT**

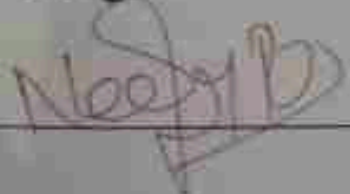
**Dr. A. NIRMALA, M.C.A., M.Phil., Ph.D.,**  
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St. Joseph's College of Arts & Science  
(Autonomous)  
Cuddalore - 607 001

Submitted for the viva-voce examination held on 03.05-2023

Examiners:

1. 

2. 

# **VIDEO APPLICATION (BLUE HUB)**

## **A Mini-Project Report**

Submitted for the partial fulfillment for the award of degree of

**Master of Science (Information Technology)**

By

**SATHISH KUMAR K**

**(A21MIT19)**

Under the Guidance of

**Dr.R.ROSELINE M.C.A.,M.Phil.,Ph.D.,**

(Assistant Professor, PG Department of Computer Applications)



PG DEPARTMENT OF COMPUTER APPLICATIONS  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM)  
CUDDALORE-607001

DECEMBER – 2022

**CERTIFICATE**

This is to certify that the Mini-Project entitled

**VIDEO APPLICATION (BLUE HUB)**

being submitted to

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CUDDDALORE-1

(Affiliated to Annamalai university, Chidambaram)

By

**SATHISH KUMAR K**

**(A21MIT19)**

for the partial Fulfillment for the award of degree of

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is a bonafide record of work carried out by him,

Under my guidance and supervision.

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Cuddalore - 607 001.

Submitted for the viva-voice examination held on 13.12.2022

Examiners:

1.

2.

# **S-BOOK WEBSITE**

A Main-Project Report

Submitted for the partial fulfillment for the award of the degree of

**Master of Science (Information Technology)**

By

**SATHISH KUMAR K**

**(A21MIT19)**

Under the Guidance of

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(Assistant Professor, PG Department of Computer Applications)



PG DEPARTMENT OF COMPUTER APPLICATIONS

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

(AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM)

CUDDALORE-607001

MAY – 2023



# **S-BOOK WEBSITE**

A Main-Project Report

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By

**SATHISH KUMAR K**

**(A21MIT19)**

Under the Guidance of

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PG DEPARTMENT OF COMPUTER APPLICATIONS

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

(AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM)

CUDDALORE-607001

MAY – 2023

**CAKE PARADISE**  
**A Mini-Project Report**

Submitted for the partial fulfilment of the requirement for the award of the degree of  
**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**K. VINOTHINI (A21MIT20)**

Under the Guidance of

**Dr. G. SURESH M.C.A., M.Phil., Ph.D.,**

(Assistant Professor, PG Department of Computer Applications)



PG DEPARTMENT OF COMPUTER APPLICATIONS  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
AFFILIATED TO ANNAMALAI UNIVERSITY – CHIDAMBARAM  
CUDDALORE-607001

**DECEMBER– 2022**

## CERTIFICATE

This is to certify that the Mini-Project entitled

### **CAKE PARADISE**

being submitted to St. Joseph's College of Arts and Science (Autonomous),

Cuddalore-1

(Affiliated to Annamalai University – Chidambaram)

Submitted by

**K. VINOTHINI (A21MIT20)**

for the partial fulfilment for the award of degree of

### **MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

is a bonafide record of work carried out by her, under my guidance and supervision.

  
INTERNAL GUIDE

**Dr. G. SURESH, M.C.A., M.Phil., Ph.D.,**  
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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 13/12/2022

Examiners:

1. 

2. 

# **MONTHLY PERFORMANCE REPORT**

## **A Main-Project Report**

Submitted for the partial fulfilment of the requirement for the award of the degree of

### **MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**K. VINOTHINI (A21MIT20)**

Under the Guidance of

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AFFILIATED TO ANNAMALAI UNIVERSITY – CHIDAMBARAM

CUDDALORE-607001

**MAY- 2023**



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being submitted to St. Joseph's College of Arts and Science (Autonomous),

Cuddalore-1

(Affiliated to Annamalai University – Chidambaram)

Submitted by

**K. VINOTHINI (A21MIT20)**

for the partial fulfilment for the award of degree of

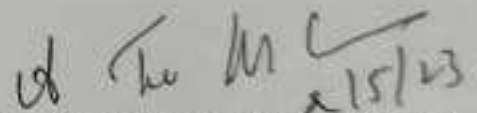
### **MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

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**INTERNAL GUIDE**

**Dr. G. SURESH, M.C.A., M.Phil., Ph.D.,**  
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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 03/5/23

Examiners:

1. 

2. 

# **ELECTRICITY BILLING SYSTEM**

**A Mini-Project Report**

Submitted for partial fulfilment of the requirement for the award of degree of

**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

Submitted by

**M.YUVA PRASATH(A22MIT26)**

Under the Guidance of

**Mrs. R. VIDHYA LAKSHMI M.C.A., M.Phil., SET,**

(Assistant Professor, PG Department of Computer Applications)



PG DEPARTMENT OF COMPUTER APPLICATIONS

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM

CUDDALORE-607001

MAY – 2023

## CERTIFICATE

This is to certify that the Mini-Project entitled

### ELECTRICITY BILLING SYSTEM

Being submitted to

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

(Affiliated to Annamalai university – Chidambaram)

Submitted By

**M.YUVA PRASATH(A22MIT26)**

For the partial Fulfillment for the award of degree of

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Is a Bonafide record of work carried out by him, Under my guidance and supervision.

  
**INTERNAL GUIDE**

*R. Vidyasathyan*

  
**HEAD OF THE DEPARTMENT**

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Cuddalore - 607 001.

Submitted for the viva-voce examination on 3/5/2023

**Examiners:**

1. 

2. R. Aravamudan 3/5/23

**PRINCESS BEAUTY LOUNGE**

**A Mini-Project Report**

Submitted for partial fulfillment of the requirement for the award of the degree of  
Master of Science in Information Technology

Submitted by

**S. ALMUBIN JABEENA (A22MIT01)**

Under the Guidance of

**Dr. A. John Pradeep Ebenezer M.C.A., M.Phil., Ph.D.,**

**Head of the Department and Assistant Professor**

**(Post Graduate Department of Computer Applications)**



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM**

**CUDDALORE-607001**

**DECEMBER- 2022**



## CERTIFICATE

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Being submitted to

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),

(Affiliated to Annamalai university – Chidambaram)

Submitted By

S. ALMUBIN JABEENA(A22MIT01)

For the partial Fulfillment for the award of degree of

Master of Science in Information Technology

Is a Bonafide record of work carried out by him, Under my guidance and supervision.

*Dr. A. John Pradeep Ebenezer*  
12/12/2022  
INTERNAL GUIDE

*Dr. A. John Pradeep Ebenezer*  
12/12/2022  
HEAD OF THE DEPARTMENT

**Dr. A. JOHN PRADEEP EBENEZER, MCA, M.Phil, Ph.D.,**  
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Cuddalore - 607 001.

Submitted for the viva-voce examination on 13-12-22

Examiners:

1. *[Signature]*
2. *[Signature]*

# **EDUCORE – EDUCATION TO THE CORE**

## **A Mini-Project Report**

Submitted for partial fulfillment of the requirement for the award of the degree of

Master of Science in Information Technology

Submitted by

**S. ALMUBIN JABEENA (A22MIT01)**

Under the Guidance of

**Dr. A. John Pradeep Ebenezer M.C.A., M.Phil., Ph.D.,**

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM**

**CUDDALORE- 607001**

**APRIL / MAY - 2023**

## CERTIFICATE

This is to certify that the Mini-Project entitled

### EDUCORE – EDUCATION TO THE CORE

Being submitted to

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),

(Affiliated to Annamalai university – Chidambaram)

Submitted By

S. ALMUBIN JABEENA(A22MIT01)

For the partial Fulfillment for the award of degree of

Master of Science in Information Technology

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*Dr. John Pradeep Ebenezer* 26/4/23  
INTERNAL GUIDE

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Submitted for the viva-voce examination on 03-05-23

Examiners:

1. *R. Arumugam* 21/5/23

2. *Dr. John Pradeep Ebenezer* 31/5/23

# **TOURISM MANAGEMENT SYSTEM**

A Mini Project Report

submitted for the partial fulfillment for the award of degree of

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

by

**ANITHA J(A22MIT02)**

under the guidance of

**Dr. R. ROSELINE, M.C.A, M.Phil., Ph.D.,**

Assistant Professor, PG Department of Computer Applications



**PG DEPRTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(AFFILIATED TO ANNAMALAI UNIVERSITY, ANNAMALAI NAGAR)

**CUDDALORE-607 001**

**DECEMBER-2022**



## CERTIFICATE

This is to certify that the mini project entitled  
**TOURISM MANAGEMENT SYSTEM**  
being submitted to

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University, Annamalai Nagar)

CUDDALORE-607 001

by

**ANITHA J(A22MIT02)**

for the partial fulfillment for the award of degree of

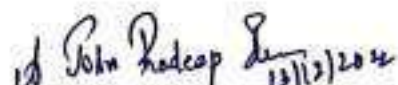
**MASTER OF SCIENCE ( INFORMATION TECHNOLOGY)**

is a bonafide record of work carried out by her  
under my guidance and supervision.



Internal Guide

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Cuddalore - 607 001

Submitted for Viva-Voce Examination held on.....13/12/2022

Examiners:

1.  13/12/22

2.  13/12/22

# **E-BOOK MANAGEMENT SYSTEM**

**A Mini- Project Report**

**Submitted for the partial fulfillment for the award of degree of**

**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

**By**

**J. ANITHA**

**(A22MIT02)**

**Under the guidance of**

**Dr. R. ROSELINE, M.C.A., M.Phil., Ph.D.,**

**(Asst. Professor, PG Department of Computer Applications)**



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM)**

**CUDDALORE-607001**

**MAY 2023**

## CERTIFICATE

This is to certify that the Mini- Project entitled

### E-BOOK MANAGEMENT SYSTEM

Being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1

(Affiliated to Annamalai University, Chidambaram)

By

**J.ANITHA**

**(A22MIT02)**

For the partial fulfillment for the award of degree of

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Under my guidance and supervision.

  
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Submitted for the viva-voce examination on 31/5/23

**Examiners:**

1. Dr. R. Roseline, 31/5/23

2. Dr. A. John Pradeep Ebenezer, 31/5/23

# **SMART ONLINE SHOPPING**

## **A Mini-Project Report**

Submitted for the partial fulfilment of the requirement for the award of the degree of  
**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**K. ARTHI (A22MIT03)**

Under the Guidance of

**Dr. G. SURESH M.C.A., M.Phil., Ph.D.,**

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO ANNAMALAI UNIVERSITY – CHIDAMBARAM**

**CUDDALORE-607001**

**DECEMBER– 2022**



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being submitted to St. Joseph's College of Arts and Science (Autonomous),

### Cuddalore-1

(Affiliated to Annamalai University – Chidambaram)

Submitted by

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(Autonomous)  
Cuddalore - 607 001.

Examiners: **Cuddalore - 607 001**

1. Stichwörter 13/11

2. NAH  
13/11/20

# **LIBRARY MANAGEMENT SYSTEM**

## **A Mini-Project Report**

Submitted for the partial fulfilment of the requirement for the award of the degree of

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**K. ARTHI (A22MIT03)**

Under the Guidance of

**Dr. G. SURESH M.C.A., M.Phil., Ph.D.,**

(Assistant Professor, PG Department of Computer Applications)



PG DEPARTMENT OF COMPUTER APPLICATIONS

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

AFFILIATED TO ANNAMALAI UNIVERSITY – CHIDAMBARAM

CUDDALORE-607001

**MAY-2023**

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This is to certify that the Mini-Project entitled

### **LIBRARY MANAGEMENT SYSTEM**

being submitted to St. Joseph's College of Arts and Science (Autonomous),

Cuddalore-1

(Affiliated to Annamalai University – Chidambaram)

Submitted by


**K. ARTHI (A22MIT03)**

for the partial fulfilment for the award of degree of

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**INTERNAL GUIDE**  
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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 03/05/23

Examiners:

1. Dr. Arumugam 3/5/23

2. Dr. Sothi 9/5/23

# **MUSIQUE**

## **A Mini-Project Report**

Submitted for partial fulfillment of the requirement for the award of the degree of  
Master of Science in Information Technology

Submitted by

**L.ARUNALEX (A22MIT04)**

Under the Guidance of

**Dr. A. Lourdu Caroline M.C.A., M.Phil., Ph.D.,**

**Assistant Professor**

**(Post Graduate Department of Computer Applications)**



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM**

**CUDDALORE-607001**

**DECEMBER-2022**



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This is to certify that the Mini-Project entitled

### MUSIQUE

Being submitted to

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(Affiliated to Annamalai university – Chidambaram.)

Submitted By

L.ARUNALEX (A22MIT04)

For the partial Fulfillment for the award of degree of

Master of Science in Information Technology

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INTERNAL GUIDE

*Handwritten Signature* 12/12/2022  
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Dr. A. JOHN PRADEEP EBENEZER, M.A., M.Phil., Ph.D.,  
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Cuddalore - 607 001.

Submitted for the viva-voce examination on 13/12/2022

Examiners:

1. *Handwritten Signature*
2. *Handwritten Signature*

# STUDENT RESULT MANAGEMENT SYSTEM

## **A Mini-Project Report**

Submitted for partial fulfillment of the requirement for the award of the degree of  
Master of Science in Information Technology

Submitted by

**L.ARUNALEX (A22MIT04)**

Under the Guidance of

**Dr. A. Lourdu Caroline M.C.A., M.Phil., Ph.D.,**

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PG DEPARTMENT OF COMPUTER APPLICATIONS

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM

CUDDALORE-607001

MAY – 2023

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**STUDENT RESULT MANAGEMENT SYSTEM**

Being submitted to

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University – Chidambaram)

Submitted By

**L.ARUNALEX(A22MIT04)**

For the partial Fulfillment for the award of degree of

Master of Science in Information Technology

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*A. Lourdu Caroline*

INTERNAL GUIDE

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Chidambaram - 605 004

*Dr. A. John Francis Schneider*

HEAD OF THE DEPARTMENT

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Chidambaram - 605 004

Submitted for the viva-voce examination on 03/05/2023

Examiners:

- Dr. John Francis Schneider* 315/23
- Dr. A. John Francis Schneider* 315/23

# **THE JUMP KING GAME**

**A Mini Project Report**

Submitted for partial fulfillment for the award of the degree of  
**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

Submitted by

**K. ASWINI (A22MIT05)**

Under the guidance of

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(Guest Lecturer, PG Department of Computer Applications)



**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM)**

**CUDDALORE-607 001**

**DECEMBER-2022**



## CERTIFICATE

This is to certify that the mini project entitled

### THE JUMP KING GAME

Being Submitted to

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

(Affiliated to the Annamalai University, Chidambaram)

CUDDALORE-607 001

Submitted by

K. ASWINI (A22MIT05)

For the partial fulfillment for the award of the degree of

MASTER OF SCIENCE IN INFORMATION TECHNOLOGY

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Under my guidance and supervision.

  
Internal Guide

  
Head of the Department

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HOD & Assistant Professor  
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Cuddalore - 607 001.

Submitted for Viva-Voce Examination held on 13.12.2022

Examiners:

1.   
13/12/22

2.   
13/12/22

# **JOB PORTAL WEBSITE**

## **A Mini Project Report**

Submitted for partial fulfillment for the award of the degree of  
**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

Submitted by

**K. ASWINI (A22MIT05)**

Under the guidance of

**MISS.R. VIJAYALAKSHMI M.SC (CS),**

(Guest Lecturer, PG Department of Computer Applications)



**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**(AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM)**

**CUDDALORE-60700**

**MAY-2023**

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This is to certify that the mini project entitled

## JOB PORTAL WEBSITE

Being Submitted to

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(Affiliated to the Annamalai University, Chidambaram)

CUDDALORE-607 001

Submitted by

**K. ASWINI (A22MIT05)**

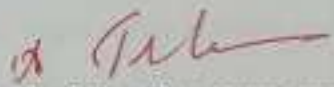
For the partial fulfillment for the award of the degree of

## MASTER OF SCIENCE IN INFORMATION TECHNOLOGY

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Under my guidance and supervision.

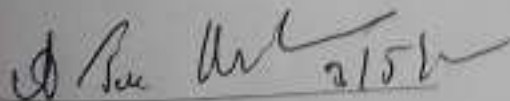
  
Internal Guide

  
Head of the Department

**Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil., Ph.D.,**  
HOD & Assistant Professor  
PG Dept. of Computer Applications  
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Cuddalore - 607 001.

Submitted for Viva-Voce Examination held on 3/5/2023

Examiners:

1.  2/5/23

2.  3/5/23

# **ONLINE FAST FOOD ORDER SYSTEM**

A Mini Project Report

submitted for partial fulfilment for the award of the degree of

**MASATER OF SCIENCE IN INFORMATION TECHNOLOGY**

by

**BAVATHARANI S (A22MIT06)**

under the guidance of

**MR. Z. JOHN BERNARD, M.C.A., M.Phil.,**

(Assistant Professor, PG Department of Computer Applications)



**PG DEPRTMENT OF COMPUTER APPLICATIONS**

**ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM)

CUDDALORE-607 001

**DECEMBER-2022**



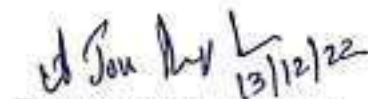
# CERTIFICATE

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**ONLINE FAST FOOD ORDER SYSTEM**  
being Submitted to the  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
(Affiliated to the Annamalai University, Chidambaram)  
CUDDALORE-607 001

by  
**BAVATHARANI S (A22MIT06)**  
for the partial fulfilment for the award of the degree of  
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13/12/22  
Internal Guide

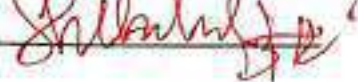
**Z. JOHN FERNARD, MCA., M.Phil.**  
Asst. Prof.  
Department of Computer Applications  
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Cuddalore - 607 001

  
13/12/22  
Head of the Department

**Dr. A. JOHN PRADEEP EBENEZER, MCA., M.Phil., Ph.D.**  
HOD & Assistant Professor  
PG Dept. of Computer Applications  
St. Joseph's College of Arts & Science  
(Autonomous)  
Cuddalore - 607 001.

Submitted for Viva-Voce Examination held on 13.12.2022

Examiners:

1. 
2. \_\_\_\_\_

# **E-NOTES APPLICATION**

A Mini Project Report

submitted for partial fulfillment for the award of the degree of

**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

by

**BAVATHARANI S (A22MIT06)**

under the guidance of

**MR. Z. JOHN BERNARD, M.C.A., M.Phil.,**

(Assistant Professor, PG Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM)

CUDDALORE-607 001

**MAY-2023**

# CERTIFICATE

This is to certify that the mini project entitled

## E-NOTES APPLICATION

being Submitted to the

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(Affiliated to the Annamalai University, Chidambaram)

CUDDALORE-607 001

by

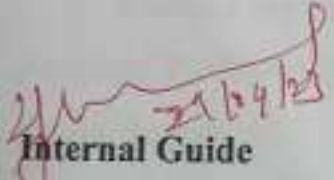
**BAVATHARANI S (A22MIT06)**

for the partial fulfillment for the award of the degree of

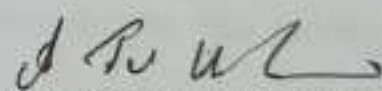
**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

is a bonafide record of work carried out by her,

under my guidance and supervision.

  
Internal Guide

**JOHN P. BERNARD, MCA., M.P.S.,**  
Asst. Prof.,  
Department of Computer Applications  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607 001

  
Head of the Department

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Cuddalore - 607 001

Submitted for Viva-Voce Examination held on.....03/05/2023.....

Examiners:

1. Dr. T. J. M. S. 3151

2. Dr. R. S. 318123

# **INFINIX WEB SOLUTION**

## **A Mini-Project Report**

Submitted for partial fulfillment for the award of the degree of

**Master of Science in Information Technology**

Submitted by

**M. DEEPAK BELGIN (A22MIT07)**

Under the Guidance of

**Dr. A. NIRMALA M.C.A., M.Phil., Ph.D.,**

Assistant Professor, Post Graduate Department of Computer Applications



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM.**

**CUDDALORE-607001**

**DECEMBER- 2022**



## CERTIFICATE

This is to certify that the Mini-Project entitled

### INFINIX WEB SOLUTION

Being submitted to

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),

(Affiliated to Annamalai University – Chidambaram)

Submitted By

**M. DEEPAK BELGIN (A22MIT07)**

For the partial Fulfillment for the award of degree of

**Master of Science in Information Technology**

Is a bonafide record of work carried out by him,

Under my guidance and supervision.

  
INTERNAL GUIDE

**Dr. A. NIRMALA, M.C.A., M.Phil., Ph.D.,**  
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(Autonomous)  
Cuddalore - 607 001.

Submitted for the viva-voce examination held on 13.12.2022

Examiners:

1. 

2. 

**FEES MANAGEMENT SYSTEM**

**A Mini-Project Report**

Submitted for partial fulfillment for the award of the degree of  
**Master of Science in Information Technology**

Submitted by

**M. DEEPAK BELGIN (A22MIT07)**

Under the Guidance of

**Dr. A. NIRMALA M.C.A., M.Phil., Ph.D.,**

Assistant Professor, Post Graduate Department of Computer Applications



**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM**

**CUDDALORE-607001**

**MAY – 2023**

CERTIFICATE

This is to certify that the Min. Project entitled

FEES MANAGEMENT SYSTEM

Being submitted to

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

(Affiliated to Annamalai University - Chidambaram)

Submitted By

**M. DEEPAK BELGIN (A22MIT07)**

For the partial Fulfillment for the award of degree of

**Master of Science in Information Technology**

Is a bonafide record of work carried out by him.

Under my guidance and supervision

  
INTERNAL GUIDE

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Gudalur - 607 001

Submitted for the viva-voce examination held on **03 - 05 - 2023**

Examiners:

1.  3/5/23

2.  3/5/23

**SAVAARI**  
**(Auto Booking System)**

**A Mini-Project Report**

Submitted for partial fulfillment of the requirement for the award of the degree of  
Master of Science in Information Technology

Submitted by -

**K. GUNA (A22MIT08)**

Under the Guidance of

**Mr. J. Robert Adaikalaraj M.S.(IT)., M.Phil.,**

Assistant Professor, Post Graduate Department of Computer Applications



PG DEPARTMENT OF COMPUTER APPLICATIONS

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM

CUDDALORE-607001

DECEMBER – 2022



## CERTIFICATE

This is to certify that the Mini-Project entitled

SAVAARI

(Auto Booking System)

Being submitted to

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),

(Affiliated to Annamalai university – Chidambaram)

Submitted By

K. GUNA(A22MIT08)

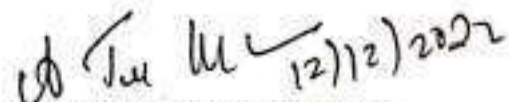
For the partial Fulfillment for the award of degree of

Master of Science in Information Technology

Is a bonafide record of work carried out by him, under my guidance and supervision.



INTERNAL GUIDE

  
HEAD OF THE DEPARTMENT

Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.PHIL., Ph.D.,  
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Cuddalore - 607 001.

Submitted for the viva-voce examination on 13/12/22

Examiners:

1. 

2. 

**ISAI**

**(The Music Player)**

**A Mini-Project Report**

Submitted for partial fulfillment of the requirement for the award of the degree of

Master of Science in Information Technology

Submitted by -

**K. GUNA (A22MIT08)**

Under the Guidance of

**Mr. J. Robert Adakalaraj M.S.(IT), M.Phil.,**

Assistant Professor, Post Graduate Department of Computer Applications



PG-DEPARTMENT OF COMPUTER APPLICATIONS

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM

CUDDALORE-607001

MAY - 2023

## CERTIFICATE

This is to certify that the Mini-Project entitled

ISAI

(The Music Player)

Being submitted to

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),

(Affiliated to Annamalai university – Chidambaram)

Submitted By

**K. GUNA (A22MIT08)**

For the partial Fulfillment for the award of degree of

Master of Science in Information Technology

Is a Bonafide record of work carried out by him, Under my guidance and supervision.

29/4/23  
INTERNAL GUIDE

ALARAJ, M.S.(IT), M.Phil.  
Professor,  
Computer Applications,  
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607 001

HEAD OF THE INSTITUTE

Dr. A. JOHN FRANCIS  
HOD & In-charge  
PG Dept.  
St. Joseph's

Submitted for the viva-voce examination on 03/05/2023

Examiners:

1. Dr. Arunabha (31/01/23)

2. Dr. Santhosh  
27/01/23

# **ONLINE HOME SERVICE SYSTEM**

A Mini Project Report

submitted for partial fulfillment for the award of the degree of

**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

by

**HEMA J (A22MIT09)**

under the guidance of

**Dr. I. BENJAMIN FRANKLIN, M.C.A, M.Phil., Ph.D.,**

Assistant Professor, PG Department of Computer Applications



**PG DEPRTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**(AFFILIATED TO ANNAMALAI UNIVERSITY, ANNAMALAI NAGAR)**

**CUDDALORE-607 001**

**DECEMBER-2022**



# CERTIFICATE

This is to certify that the mini project entitled  
**ONLINE HOME SERVICE SYSTEM**  
being submitted to the  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
(Affiliated to Annamalai University, Annamalai Nagar)  
CUDDALORE-607 001  
by  
**HEMA J (A22MIT09)**  
for the partial fulfillment for the award of the degree of  
**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**  
is a bonafide record of work carried out by her  
under my guidance and supervision.

  
Internal Guide  
**Dr. I. BENJAMIN FRANKLIN, M.C.A., M.Phil., Ph.D.**  
Assistant Professor,  
PG Department of Computer Applications,  
St. Joseph's College of Arts & Science (Autonomous)  
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Head of the Department  
**Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil., Ph.D.**  
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PG Dept. of Computer Applications  
St. Joseph's College of Arts & Science  
(Autonomous)  
Cuddalore - 607 001.

Submitted for Viva-Voce Examination held on.....13/12/2022.....

Examiners:

1.  13/12/22

2.  13/12/22

# **ONLINE GADGETS PICKER**

A Mini-Project Report

Submitted for partial fulfillment of the requirement for the award of the degree  
of Master of Science in Information Technology  
submitted by

**J. HEMA (A22MIT09)**

under the Guidance of

**Dr. I. BENJAMIN FRANKLIN, M.C.A., M.Phil., Ph.D.,**

Assistant Professor, PG Department of Computer Applications



**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
**ST. JOSEPH'S COLLEGE ARTS AND SCIENCE (AUTONOMOUS)**  
(Affiliated to Annamalai University, Chidambaram)  
**CUDDALORE-607001**

**MAY – 2023**

## CERTIFICATE

This is to certify that the Mini-Project entitled

## ONLINE GADGETS PICKER

being submitted to

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS).

(Affiliated to Annamalai university –

Chidambaram)Submitted By

J.HEMA(A22MIT09)

For the partial Fulfillment for the award of

degree of Master of Science in Information

Technology

is a bonafide record of work carried out by her, under my guidance and supervision.

## INTERNAL GUIDE

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Cuddalore - 607 001.

Submitted for the viva-voce examination on

3/5/23

HEAD OF DEPARTMENT

Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil., Ph.D.,

HOD & Assistant Professor  
PG Dept. of Computer Applications  
St. Joseph's College of Arts & Science  
(Autonomous)

Part 55 607 001

Examiners:

1. TR. 800 MB 2/15/12
2. at Tole for 2/15/12

# **PLAY WITH COLORS**

## **A Mini-Project Report**

Submitted for partial fulfilment of the requirement for the award of the  
Degree of

## **MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

Submitted by

**S.IYYAPPAN (A22MIT10)**

Under the Guidance of

**Dr. R. ARUNA KIRITHIKA., M.C.A., M.Phil., Ph.D.,**  
(Assistant Professor, PG Department of Computer Applications)



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM**

**CUDDALORE-607001**

**DECEMBER- 2022**



**CERTIFICATE**

This is to certify that the Mini-Project entitled

**PLAY WITH COLORS**

Being submitted to

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University – Chidambaram)

Submitted By

**S.IYYAPPAN (A22MIT10)**

For the partial Fulfillment for the award of degree of

**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

Is a Bonafide record of work carried out by him, Under my guidance and supervision.

  
**INTERNAL GUIDE**

**Dr. R. ARUNA NIRITHIKA,**  
Assistant Professor,  
PG Department of Computer Applications,  
St. Joseph's College of Arts and Science (Autonomous),  
CUDDALORE - 607 001.

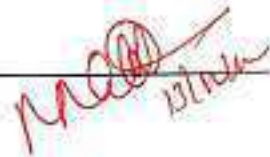
  
**HEAD OF THE DEPARTMENT**

**Dr. A. JOHN PRADEEP EBENEZER, MCA, MPM, Ph.D.,**  
HOD & Assistant Professor  
PG Dept. of Computer Applications  
St. Joseph's College of Arts & Science  
(Autonomous)  
Cuddalore - 607 001.

Submitted for the viva-voce examination on 13/12/2022

**Examiners:**

1. 

2. 

# **TYPEWRITING INSTITUTE MANAGEMENT SYSTEM**

## **A Mini-Project Report**

Submitted for partial fulfilment of the requirement for the award of the

Degree of

**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

Submitted by

**S.IYYAPPAN (A22MIT10)**

Under the Guidance of

**Dr. R. ARUNA KIRITHIKA., M.C.A., M.Phil., Ph.D.,**

(PG Department of Computer Applications)



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM**

**CUDDALORE-607001**

**MAY-2023**

## CERTIFICATE

This is to certify that the Mini-Project entitled  
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Being submitted to

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(Affiliated to Annamalai University – Chidambaram)

Submitted By

**S.IYYAPPAN (A22MIT10)**

For the partial Fulfillment for the award of degree of

**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

Is a Bonafide record of work carried out by him, Under my guidance  
and supervision.

*Revised 26/4/23*  
**INTERNAL GUIDE**

**Dr. R. ARUNA KIRITHIKA,**  
Assistant Professor,  
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*id Sou Rm 26/4/23*  
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Cuddalore - 607 001.

Submitted for the viva-voce examination on 03-05-2023

**Examiners:**

1. Dr. Aruna Kirithika 31/5/23

2. id Sou Rm 31/5/23

# **ONLINE EVENT REGISTRATION**

## **A Mini-Project Report**

Submitted for partial fulfillment of the requirement for the award of the degree of  
Master of Science in Information Technology

Submitted by

**R. KARTHICK (A22MIT11)**

Under the Guidance of

**Mrs. R. VIDHYA LAKSHMI, M.C.A., M.Phil., SET,**  
Assistant Professor

(Post Graduate Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM**

**CUDDALORE - 607 001**

**DECEMBER - 2022**



# CERTIFICATE

This is to certify that the Mini-Project entitled

## ONLINE EVENT REGISTRATION

Being submitted to

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),  
(Affiliated to Annamalai university – Chidambaram)

Submitted By

R. KARTHICK (A22MIT11)

For the partial Fulfillment for the award of degree of

MASTER OF SCIENCE (INFORMATION TECHNOLOGY)

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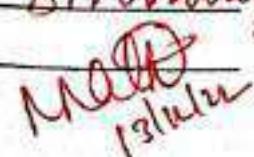
  
INTERNAL GUIDE  
(R. Lakshya Lakshmi)

  
HEAD OF DEPARTMENT

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(Autonomous)  
Cuddalore - 607 001.

Submitted for the viva-voce examination on 13/12

Examiners:

1.  13/12
2.  13/12

# **NOTHING'S – AN EXPENSE MANAGER**

## **A Mini-Project Report**

Submitted for partial fulfillment of the requirement for the award of the degree of  
Master of Science in Information Technology

Submitted by

**R. KARTHICK (A22MIT11)**

Under the Guidance of

**Mrs. R. VIDHYA LAKSHMI, M.C.A., M.Phil., SET,**  
Assistant Professor

(Post Graduate Department of Computer Applications)



PG DEPARTMENT OF COMPUTER APPLICATIONS

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM

CUDDALORE - 607 001

MAY – 2022

## CERTIFICATE

This is to certify that the Mini-Project entitled

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Being submitted to

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

(Affiliated to Annamalai university – Chidambaram)


Submitted By

**R. KARTHICK (A22MIT11)**

For the partial Fulfillment for the award of degree of

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

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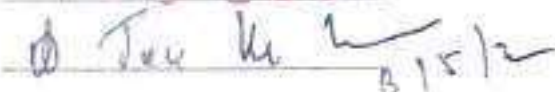
  
INTERNAL GUIDE

  
HEAD OF DEPARTMENT

Dr. A. JOHN PRADEEP EBENEZER  
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PG Dept. of Computer Applications  
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(Autonomous)  
Cuddalore - 607 002

mitted for the viva-voce examination on 03/05/2023

Examiners:

1.  318723
2.  31512

# **GROCERY SHOPPING**

**A Mini-Project Report**

Submitted for partial fulfillment of the requirement for the award of the degree of  
**Master of Science in Information Technology**

Submitted by

**A. MARY GLORY (A22MIT13)**

Under the Guidance of

**Dr. A. Mary Odilya Teena M.C.A., M.Phil., Ph.D.,**

**Assistant Professor, PG Department of Computer Applications**



**PG Department of Computer Application**

**St. Joseph's College of Arts And Science (Autonomous)**

**Affiliated to Annamalai University, Chidambaram**

**Cuddalore-607001**

**December- 2022**



## CERTIFICATE

This is to certify that the Mini-Project entitled

### GROCERY SHOPPING

Being submitted to

St. Joseph's Collage of Arts and Science (Autonomous),  
(Affiliated to Annamalai university – Chidambaram)

Submitted By

A. MARY GLORY(A22MIT13)

For the partial Fulfillment for the award of degree of  
Master of Science in Information Technology

Is a Bonafide record of work carried out by her, Under my guidance and supervision.

*A. Mary Glory*  
INTERNAL GUIDE

*Id. John* 13/12/22  
HEAD OF THE DEPARTMENT

**Dr. A. MARY ODIA TEENA** MCA, MPhil, Ph.D.,  
Assistant Professor,  
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St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-6.

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St. Joseph's College of Arts & Science  
(Autonomous)  
Cuddalore - 607 001.

Submitted for the viva-voce examination on 13.12.2022

Examiners:

1. *Shobhitha*

2. *MAD*

*13/12/22*

# **STOCK MANAGEMENT SYSTEM**

A Mini Project Report

Submitted for partial fulfilment for the award of the degree of

**MASTER OF SCIENCE INFORMATION TECHNOLOGY**

By

**A.MARY GLORY (A22MIT13)**

Under the Guidance of

**Dr. A. MARY ODILYA TEENA M.C.A., M.Phil., Ph.D.,**

(Asst. Professor, PG Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS  
ST. JOSEPH'S COLLEGE OF ARTS SCIENCE (AUTONOMOUS)  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)  
CUDDALORE-607001**

**MAY-2023**

# CERTIFICATE

This is to certify that the mini project entitled

## STOCK MANAGEMENT SYSTEM

Being Submitted to the

St. Joseph's College Of Arts and Science (Autonomous)

(Affiliated To Thiruvalluvar University, Vellore)

By

**A.MARY GLORY (A22MIT13)**

For the partial fulfilment for the award of degree of

## MASTER OF SCIENCE INFORMATION TECHNOLOGY

is a bonafide record of work carried out by her.

Under my Guidance and Supervision.

*A. Mary Odilya Teena*  
**Dr. A. MARY ODILYA TEENA, MCA, M.Phil, Ph.D.,**  
**INTERNAL GUIDE**  
PG Department of Computer Applications,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-1.

Submitted for the viva-voce examination held on

**Examiners:**

1. *PR. Arun* 3/8/23
2. *Dr. John Alex* 3/5/23

*Dr. John Alex* 3/5/23  
**HEAD OF THE DEPARTMENT**

**Dr. A. JOHN PRADEEP EBENEZER, MCA, M.Phil, Ph.D.,**  
HOD & Assistant Professor  
PG Dept. of Computer Applications  
St. Joseph's College of Arts & Science  
(Autonomous)  
Cuddalore - 607 001.

# **VIRTUAL SHOPPING SPOT**

A Mini Project Report  
in partial fulfilment of the requirement for the award of the degree of

## **MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

Submitted by  
**PADMAPRIYA R**  
**(A22MIT14)**

Under the guidance of  
**Dr. S. ANAND CHRISTY, M.C.A., M.Phil., M.Com., M.B.A., Ph.D.,**  
Assistant Professor, PG Department of Computer Applications  
(Post Graduate Department of Computer Applications)



**PG DEPTMENT OF COMPUTER APPLICATIONS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM)  
CUDDALORE-607001

NOVEMBER-2022



## CERTIFICATE

This is to certify that the mini project entitled

**VIRTUAL SHOPPING SPOT**

being Submitted to the

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(Affiliated to the Annamalai University-Chidambaram)

Submitted by

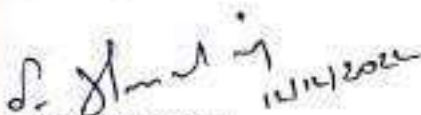
**R. PADMAPRIYA (A22MIT14)**

For the partial fulfilment for the award of the degree of

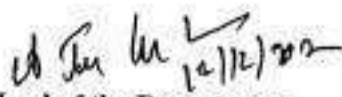
**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

is a bonafide Record of work carried out by them,

under our guidance and supervision.

  
Internal Guide

**Dr. S. ANAND CHRISTY,**  
M.C.A., M.Phil., M.Com., M.B.A., Ph.D.  
Assistant Professor,  
Department of Computer Applications,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore.

  
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**Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil., Ph.D.,**  
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Cuddalore - 607 001.

Submitted for Viva-Voce Examination held on 13/12/2022

Examiners:

1. 

2. 

# **HOSPITAL MANAGEMENT SYSTEM**

A Mini Project Report

in partial fulfilment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

Submitted by

**PADMAPRIYA R**

**(A22MIT14)**

Under the guidance of

**Dr. S. ANAND CHRISTY, M.C.A., M.Phil., M.Com., M.B.A., Ph.D.,**

Assistant Professor, PG Department of Computer Applications

(Post Graduate Department of Computer Applications)



**PG DEPTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM)

CUDDALORE-607001

MAY-2023

# CERTIFICATE

This is to certify that the mini project entitled

## HOSPITAL MANAGEMENT SYSTEM

being Submitted to the

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

(Affiliated to the Annamalai University-Chidambaram)

Submitted by

**R. PADMAPRIYA (A22MIT14)**

For the partial fulfilment for the award of the degree of

**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

is a bonafide Record of work carried out by her

under our guidance and supervision.

*S. Jeyaraj 26/04/23*  
Internal Guide

*Dr. A. John Pradeep Ebenezer 26/4/23*  
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**Dr. S. ANAND CHRISTY,**  
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Submitted for Viva-Voce Examination held on..... 3/5/2023

Examiners:

1. *R. Ranganathan 3/5/23*
2. *Dr. A. John Pradeep Ebenezer 3/5/23*

# **STUDENT SCHOLARSHIP MANAGEMENT SYSTEM**

A Mini Project Report Submitted for  
The partial fulfillment for the award of degree

## **MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

**V.J.PRASANNA**

**(A22MIT15)**

Under the Guidance of

**Mrs. K. Padmavathi M.Sc, M.Phil.,SET,**

(Asst. Professor, PG Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
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**CUDDALORE-607001**

**DECEMBER- 2022**



## CERTIFICATE


This is to certify that the Mini Project entitled  
**STUDENT SCHOLARSHIP MANAGEMENT SYSTEM**  
Being Submitted to  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Annamalai University, chidambaram)  
By  
**V.J.PRASANNA(A22MIT15)**  
For the partial fulfillment for the award of degree of  
**Master of Science in Information Technology**  
Is a Bonafide Record of work carried out by him  
Under my Guidance and Supervision

  
Internal Guide

  
Head of the Department

Submitted for the viva voice examination held on 13/12/2022

Examiners:

1. 

2.   
13/12/22

# **HOSPITAL MANAGEMENT SYSTEM**

A Mini Project Report submitted for  
The partial fulfillment for the award of degree

## **MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

Submitted by

**V.J.PRASANNA**

**(A22MIT15)**

Under the Guidance of

**Mrs. K. Padmavathi M.Sc., M.Phil., SET,**

(Asst. Professor, PG Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

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(AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM)

**CUDDALORE-607001**

**MAY - 2023**

# CERTIFICATE

This is to certify that the Mini Project entitled  
**HOSPITAL MANAGEMENT SYSTEM**

Being Submitted to

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University, chidambaram)

Submitted by

**V.J.PRASANNA(A22MIT15)**

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Under my Guidance and Supervision

*J. P. ...*  
**Internal Guide**

*Dr. A. John Pradeep Ebenezer*  
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**Dr. A. JOHN PRADEEP EBENEZER, M.C.A, M.Phil, Ph.D.**  
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Chidambaram - 605 002.

Submitted for the viva voice examination held on 03/05/2023

## Examiners:

- J. P. ...*
- Dr. John ...* ✓  
3/5/23

# **TYPING GAME**

## **A Mini-Project Report**

Submitted for partial fulfillment of the requirement for the award of the degree of  
Master of Science in Information Technology

Submitted by

**E.RAMKUMAR (A22MIT16)**

Under the Guidance of

**Dr .A. John Pradeep Ebenezer M.C.A., M.Phil., Ph.D.,**

**Head of the Department and Assistant Professor**

**(Post Graduate Department of Computer Applications)**



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM**

**CUDDALORE-607001**

**DECEMBER - 2022**



## CERTIFICATE

This is to certify that the Mini-Project entitled

### TYPING GAME

Being submitted to

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),

(Affiliated to Annamalai university – Chidambaram)

Submitted By

**E.RAMKUMAR (A22MIT16)**

For the partial Fulfillment for the award of degree of

Master of Science in Information Technology

Is a Bonafide record of work carried out by him, Under my guidance and supervision.

*d. John Pradeep*  
12/12/2022  
INTERNAL GUIDE

*d. John Pradeep*  
12/12/2022  
HEAD OF THE DEPARTMENT

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PG Dept. of Computer Applications  
St. Joseph's College of Arts & Science  
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Cuddalore - 607 001

Submitted for the viva-voce examination on 13-12-22

Examiners:

1. *[Signature]*

2. *[Signature]*

# **SCHOOL MANAGEMENT SYSTEM**

## **A Mini-Project Report**

Submitted for partial fulfillment of the requirement for the award of the degree of  
Master of Science in Information Technology

Submitted by

**E. RAM KUMAR (A22MIT16)**

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PG DEPARTMENT OF COMPUTER APPLICATIONS

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AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM

CUDDALORE- 607001

## CERTIFICATE

This is to certify that the Mini-Project entitled

### SCHOOL MANAGEMENT SYSTEM

Being submitted to

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),

(Affiliated to Annamalai university – Chidambaram)

Submitted By

**E. RAM KUMAR (A22MIT16)**

For the partial Fulfillment for the award of degree of

Master of Science in Information Technology

Is a Bonafide record of work carried out by him, Under my guidance and supervision.

*Dr. A. John Pradeep Ebenezer*  
26/11/23

INTERNAL GUIDE

*Dr. A. John Pradeep Ebenezer*  
26/11/23

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Cuddalore - 607 001.

Submitted for the viva-voce examination on 08-05-2023

Examiners:

1. *Dr. A. John Pradeep Ebenezer* 31/5/23

2. *Dr. A. John Pradeep Ebenezer* 31/5/23

# **ONLINE CAR RENTAL SYSTEM**

A Mini Project Report

submitted for the partial fulfillment for taward of degree of

**MASTER OF SCIENCE (INFORMATION TECHONOLOGY)**

by

**RAMESH KANNA N.R(A22MIT17)**

under the guidance of

**Dr. R. ROSELINE, M.C.A, M.Phil., Ph.D.,**

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**PG DEPRTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**(AFFILIATED TO ANNAMALAI UNIVERSITY, ANNAMALAI NAGAR)**

**CUDDALORE-607 001**

**DECEMBER-2022**



# CERTIFICATE

This is to certify that the mini project entitled  
**ONLINE CAR RENTAL SYSTEM**  
being submitted to the  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
(Affiliated to Annamalai University, Annamalai Nagar)  
CUDDALORE-607 001  
by  
**RAMESH KANNA N.R(A22MIT17)**  
for the partial fulfillment for the award of degree of  
**MASTER OF SCIENCE ( INFORMATION TECHNOLOGY)**  
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under my guidance and supervision.



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Submitted for Viva-Voce Examination held on.....13/12/2022.....

Examiners:

1.  B/h

2.  B/h

# **GYM MANAGEMENT SYSTEM (MULTI FITNESS)**

A Mini Project Report  
submitted for the partial fulfillment for the award of degree of

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

by

**RAMESH KANNA N.R(A22MIT17)**

under the guidance of

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**PG DEPTMENT OF COMPUTER APPLICATIONS**  
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CUDDALORE-607 001

**MAY-2023**

# CERTIFICATE

This is to certify that the mini project entitled

## GYM MANAGEMENT SYSTEM (MULTI FITNESS)

being submitted to

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University, Annamalai Nagar)

CUDDALORE-607 001

by

**RAMESH KANNA N.R(A22MIT17)**

for the partial fulfillment for the award of degree of

**MASTER OF SCIENCE ( INFORMATION TECHNOLOGY)**

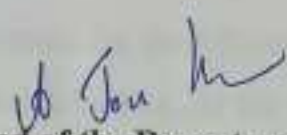
is a bonafide record of work carried out by him

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Submitted for Viva-Voce Examination held on.....31/5/23.....

Examiners:

1. R. Arumugam 31/5/23

2. J. John 31/5/23

# **ONLINE EXAMINATION SYSTEM**

A Mini-Project Report

Submitted for the partial fulfillment of the requirement for the award of the degree  
of

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**V.RESHMA(A22MIT18)**

Under the Guidance of

**Dr.G.SURESH M.C.A., M.Phil., Ph.D.,**

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM)

**CUDDALORE-607 001**

**DECEMBER-2022**



# CERTIFICATE

This is to certify that the mini project entitled  
**ONLINE EXAMINATION SYSTEM**  
being submitted to St. Joseph's College of Arts and Science(Autonomous),

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(Affiliated to Annamalai University, Chidambaram)

Submitted by

**V.RESHMA (A22MIT18)**

for the partial fulfillment for the award of the degree of

**MASTER OF SCIENCE ( INFORMATION TECHNOLOGY)**

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**Internal Guide**

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Cuddalore - 607 001.

Submitted for Viva-Voce Examination held on.....13.12.22.....

**Examiners:**

- 1.
- 2.

# **PHARMACY MANAGEMENT SYSTEM**

A Mini Project Report

submitted for the partial fulfillment for the award of the degree of

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**V. RESHMA(A22MIT18)**

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University, Chidambaram)

**CUDDALORE - 607001**

**MAY-2023**

# CERTIFICATE

This is to certify that the Mini Project report entitled

## PHARMACY MANAGEMENT SYSTEM

Being submitted to the St. Joseph's College of Arts & Science (Autonomous),

Affiliated to Annamalai University, Chidambaram

by

**V. RESHMA(A22MIT18)**

for the partial fulfillment for the award of degree of

## MASTER OF SCIENCE (INFORMATION TECHNOLOGY)

Is a Bonafide record of work carried out by her

under my guidance and supervision.

  
INTERNAL GUIDE

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Assistant Professor  
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(Autonomous)  
Cuddalore - 607 001.

Submitted for the viva-voce examination held on 03.05.23

Examiners:

1.  3/5/23
2.  3/5/23

# **CAR RACING GAME**

**A Mini- Project Report**

**Submitted for the partial fulfilment for the award of degree of  
MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

**By**

**R.SHALINI**

**(Register Number: A22MIT19)**

**Under the guidance of**

**Dr. A. Lourdu Caroline, M.C.A., M.Phil., Ph.D.,**

**(Asst. Professor, Post Graduate Department of Computer Applications)**



**PG DEPARTMENT OF COMPUTER APPLICATIONS  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM**

**CUDDALORE-607001**

**DECEMBER 2022**



## CERTIFICATE

This is to certify that the Mini- Project entitled

### CAR RACING GAME

Being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1

Affiliated to Annamalai University, Chidambaram

By

**R. SHALINI**

(Register Number: A22MIT19)

For the partial fulfilment for the award of degree of

### MASTER OF SCIENCE IN INFORMATION TECHNOLOGY

Is a Bonafide record of work carried out by her

Under my guidance and supervision.

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INTERNAL GUIDE

*Handwritten Signature* 12/12/2022  
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Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil., Ph.D.  
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Submitted for the viva-voce examination on 13/12/2022

Examiners:

1. *Handwritten Signature*

2. *Handwritten Signature*

# **DUO KIDS PLAY**

**A Mini- Project Report**

**Submitted for the partial fulfilment for the award of degree of  
MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

**By**

**R.SHALINI**

**(Register Number: A22MIT19)**

**Under the guidance of**

**Dr. A. Lourdu Caroline, M.C.A., M.Phil., Ph.D.,**

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**PG DEPARTMENT OF COMPUTER APPLICATIONS  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM  
CUDDALORE-607001  
MAY 2023**

## CERTIFICATE

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### DUO KIDS PLAY

Being submitted to

**St.Joseph's College of Arts and Science (Autonomous), Cuddalore-1**

(Affiliated to Annamalai University, Chidambaram)

By

**R. SHALINI**

(Register Number: A22MIT19)

For the partial fulfilment for the award of degree of

### MASTER OF SCIENCE IN INFORMATION TECHNOLOGY

Is a Bonafide record of work carried out by her

Under my guidance and supervision.

*A Lourdu Caroline*  
**INTERNAL GUIDE**

**Dr. A. LOURDU CAROLINE, M.C.A., M.Phil., Ph.D.,**  
Assistant Professor,  
PG Department of Computer Applications,  
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Cuddalore - 607 001.

*A John Pradeep Ebenezer*  
**HEAD OF THE DEPARTMENT**  
**Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil., Ph.D.,**  
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Cuddalore - 607 001.

Submitted for the viva-voce examination on 03/05/2023

**Examiners:**

1. *A John M L 3/5/23*

2. *R. Shalini 3/5/23*

# **GEM FETCH**

## **A Mini-Project Report**

Submitted for partial fulfilment of the requirement for the award of the degree of

## **MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

Submitted by

**W. SHARLINE SWEETY(A22MIT20)**

Under the Guidance of

**MISS. R. VIJAYALAKSHMI M.SC (CS),,**

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM**

**CUDDALORE-607001**

**DECEMBER – 2022**



# CERTIFICATE

This is to certify that the Mini-Project entitled

**GEM FETCH**

Being submitted to

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai university - Chidambaram)

Submitted By

**W. SHARLINE SWEETY (A22MIT20)**

For the partial Fulfillment for the award of degree of

**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

Is a Bonafide record of work carried out by her,

Under my guidance and supervision.

*V. S. J.*  
**INTERNAL GUIDE**

*Dr. A. John Pradeep Ebenezer*  
**HEAD OF DEPARTMENT**

**Dr. A. JOHN PRADEEP EBENEZER, M.A., M.Phil., M.D.,**  
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Cuddalore - 607 001.

Submitted for the viva-voce examination on 13/12/2022

**Examiners:**

1. *[Signature]*

2. *[Signature]*

# **JET SHOOTER**

## **A Mini-Project Report**

Submitted for partial fulfilment of the requirement for the award of the degree of

## **MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

Submitted by

**W. SHARLINE SWEETY(A22MIT20)**

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( Guest Lecturer, PG Department of Computer Applications)



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM**

**CUDDALORE-607001**

**MAY- 2023**

**CERTIFICATE**

This is to certify that the Mini-Project entitled

**JET SHOOTER**

Being submitted to

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai university – Chidambaram)

Submitted By

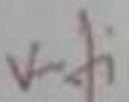
**W. SHARLINE SWEETY(A22MIT20)**

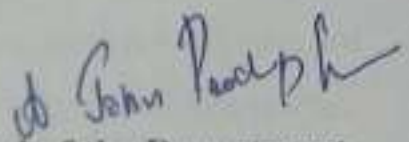
For the partial Fulfillment for the award of degree of

**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

Is a Bonafide record of work carried out by her,

Under my guidance and supervision.

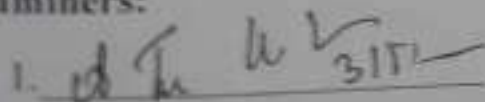
  
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Cuddalore - 607 001.

Submitted for the viva-voce examination on 03/05/2023

Examiners:

1.  3/5/23

2.  3/5/23

# **ONLINE MAGAZINE MANAGEMENT SYSTEM**

A mini Project Report

submitted for the partial fulfillment for the award of the degree of

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**V. SNEGA (A22MIT21)**

under the guidance of

**Mr. Z. John Bernard MCA., M.Phil.,**

(Asst. Professor, PG Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University, Chidambaram)

**CUDDALORE-607001**

**DECEMBER-2022**



# CERTIFICATE

This is to certify that the Mini Project entitled

## ONLINE MAGAZINE MANAGEMENT SYSTEM

being submitted to the St. Joseph's College of Arts & Science (Autonomous),

Affiliated to Annamalai University, Chidambaram.

by

**V. SNEGA (A22MIT21)**

for the partial fulfillment for the award of degree of

## MASTER OF SCIENCE (INFORMATION TECHNOLOGY)

is a bonafide record of work carried out by her

under my guidance and supervision.

*[Signature]*  
13/12/22  
**INTERNAL GUIDE**

**Z. JOHN PERNARD, MCA., M.Phil.**

Asst. Prof.

Department of Computer Applications  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001

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13/12/22  
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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 13.12.2022

**Examiners:**

1. *[Signature]*  
13/12/22

2.

# **EMPLOYEE PAYROLL SYSTEM**

A Mini Project Report

submitted for the partial fulfillment for the award of the degree of

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**V. SNEGA(A22MIT21)**

under the guidance of

**Mr. Z. JOHN BERNARD MCA., M.Phil.,**

(Asst. Professor, PG Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University, Chidambaram)

**CUDDALORE - 607001**

**MAY-2023**

## CERTIFICATE

This is to certify that the Mini Project entitled

### EMPLOYEE PAYROLL SYSTEM

being submitted to the St. Joseph's College of Arts & Science (Autonomous),

Affiliated to Annamalai University, Chidambaram.

by

**V. SNEGA(A22MIT21)**

for the partial fulfillment for the award of degree of

### MASTER OF SCIENCE (INFORMATION TECHNOLOGY)

Is a Bonafide record of work carried out by her

under my guidance and supervision.

*[Signature]*  
INTERNAL GUIDE

**Dr. JOHN PERIYAR, MCA, M.Phil**

Asst. Prof.

Department of Computer Applications

St. Joseph's College of Arts & Science

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*[Signature]*  
HEAD OF THE DEPARTMENT

**Dr. A. JOHN PRADEEP EBENEZER, MCA, M.Phil, Ph.D.**

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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 03 - 05 - 2022

Examiners:

- [Signature]* 3/5/22
- [Signature]* 3/5/22

# **FREAKY FUNNY GAMES**

## **A Mini-Project Report**

Submitted for partial fulfillment of the requirement for the award of the degree of  
Master of Science in Information Technology

Submitted by

**S. SUJITHA (A22MIT22)**

Under the Guidance of

**Dr. A. NIRMALA M.C.A., M.Phil., Ph.D.,**

**Assistant Professor, Post Graduate Department of Computer Applications**

**(Post Graduate Department of Computer Applications)**



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

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**AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM**

**CUDDALORE-607001**

**DECEMBER - 2022**



## CERTIFICATE

This is to certify that the Mini-Project entitled

### FREAKY FUNNY GAMES

Being submitted to

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),

(Affiliated to Annamalai university – Chidambaram)

Submitted By

**S. SUJITHA (A22MIT22)**

For the partial Fulfillment for the award of degree of

Master of Science in Information Technology

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INTERNAL GUIDE

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(Autonomous)  
Cuddalore - 607 001.

Submitted for the viva-voce examination on 13/12/2022

Examiners:

1. 
2. 

# PHONEBOOK MANAGEMENT

## **A Mini-Project Report**

Submitted for partial fulfillment of the requirement for the award of the degree of  
Master of Science in Information Technology

Submitted by

**S. SUJITHA (A22MFI22)**

Under the Guidance of

**Dr. A. NIRMALA M.C.A., M.Phil., Ph.D.,**

**Assistant Professor, Post Graduate Department of Computer Applications**  
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**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM**

**CUDDALORE-607001**

**MAY - 2023**

## CERTIFICATE

This is to certify that the Mini-Project entitled

### PHONEBOOK MANAGEMENT

Being submitted to

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

(Affiliated to Annamalai university – Chidambaram)

Submitted By

**S. SUJITHA (A22MIT22)**

For the partial Fulfillment for the award of degree of

Master of Science in Information Technology

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INTERNAL GUIDE

  
HEAD OF DEPARTMENT

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Submitted for the viva-voce examination on 03/05/2023

Examiners:

1. 
2. 

# **CLIENTELE MANAGEMENT SYSTEM**

**A Mini-Project Report**

Submitted for partial fulfillment for the award of the degree of

**Master of Science in Information Technology**

Submitted by

**S. SUJITHA (A22MIT23)**

Under the Guidance of

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**AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM.**

**CUDDALORE-607001**



DECEMBER- 2022

**CERTIFICATE**

This is to certify that the Mini-Project entitled

**CLIENTELE MANAGEMENT SYSTEM**

Being submitted to

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),**  
(Affiliated to Annamalai University – Chidambaram)

Submitted By

**S. SUJITHA (A22MIT23)**

For the partial Fulfillment for the award of degree of

**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

Is a Bonafide record of work carried out by her.

Under my guidance and supervision.

  
**INTERNAL GUIDE**

**J. ROBERT ADAIKALARAJ, M.S.(IT), M.Phil.,**

Assistant Professor,

PG Department of Computer Applications,

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Cuddalore - 607 001.

Submitted for the viva-voce examination held on \_\_\_\_\_

  
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**Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil., Ph.D.,**

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PG Dept. of Computer Applications

St. Joseph's College of Arts & Science  
(Autonomous)

Cuddalore - 607 001.

**Examiners:**

1. 

2. 

# **ACADEMIC MANAGEMENT SYSTEM**

**A Mini-Project Report**

Submitted for partial fulfillment for the award of the degree of

**Master of Science in Information Technology**

Submitted by

**S. SUJITHA (A22MIT23)**

Under the Guidance of

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM.**

**CUDDALORE-607001**

**MAY-2023**

# CERTIFICATE

This is to certify that the Mini-Project entitled

## ACADEMIC MANAGEMENT SYSTEM

Being submitted to

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

(Affiliated to Annamalai University - Chidambaram)

Submitted By

**S. SUJITHA (A22MIT23)**

For the partial Fulfillment for the award of degree of

## MASTER OF SCIENCE IN INFORMATION TECHNOLOGY

Is a Bonafide record of work carried out by her.

Under my guidance and supervision.

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J. ROBERT AGAIKALARAJ, M.S.(IT), M.Phil.  
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Submitted for the viva-voce examination held on 03/05/2023

Examiners:

1. R. Senthil 3/5/23

2. Dr. P. Senthil 3/5/23

# **ONLINE CHATTING SYSTEM**

A Mini Project Report

submitted for partial fulfillment for the award of the degree of

**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

by

**SWATHI R (A22MIT24)**

under the guidance of

**Dr. I. BENJAMIN FRANKLIN, M.C.A., M.Phil., Ph.D.,**

Assistant Professor, PG Department of Computer Applications



**PG DEPTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**(AFFILIATED TO ANNAMALAI UNIVERSITY, ANNAMALAI NAGAR)**

**CUDDALORE-607 001**

**DECEMBER-2022**



# CERTIFICATE

This is to certify that the mini project entitled

## ONLINE CHATTING SYSTEM

being submitted to the

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University, Annamalai Nagar)

CUDDALORE-607 001

by

**SWATHI R (A22MIT24)**

for the partial fulfillment for the award of the degree of

**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

is a bonafide record of work carried out by her

under my guidance and supervision.

  
Internal Guide

Dr. L. BENJAMIN FRANKLIN, MCA, MPhil, Ph.D.,  
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Cuddalore - 607 001.

Submitted for Viva-Voce Examination held on 13/12/2022

Examiners:

1. 

2. 

# **STUDENT INFORMATION SYSTEM**

A Mini Project Report

submitted for the partial fulfillment for the award of the degree of

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**R. SWATHI (A22MIT24)**

under the guidance of

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Assistant Professor, PG Department of Computer Applications



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai University, Chidambaram)

**CUDDALORE – 607001**

**MAY-2023**

# CERTIFICATE

This is to certify that the Mini Project entitled

## STUDENT INFORMATION SYSTEM

being submitted to the St. Joseph's College of Arts & Science (Autonomous),

Affiliated to Annamalai University, Chidambaram.

by

**R. SWATHI (A22MIT24)**

for the partial fulfillment for the award of degree of

## MASTER OF SCIENCE (INFORMATION TECHNOLOGY)

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INTERNAL GUIDE

Dr. I. BENJAMIN FRANKLIN, M.C.A., M.Phil., Ph.D.,

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Submitted for the viva-voce examination held on 03.05.2023

Examiners:

1. *[Signature]* 3/5/23
2. *[Signature]* 3/5/23

**KBACO**  
**(Ice-Cream Online Order Website)**

**A Mini-Project Report**

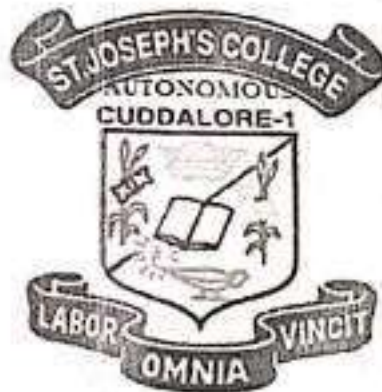
Submitted for partial fulfilment of the requirement for the award of the degree of  
**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

Submitted by

**S. VIGNESH (A22MIT25)**

Under the Guidance of

**Dr. R. ARUNA KIRITHIKA., M.C.A., M.Phil., Ph.D.,**  
(Assistant Professor, PG Department of Computer Applications)



PG DEPARTMENT OF COMPUTER APPLICATIONS

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM**

**CUDDALORE-607001**

**DECEMBER – 2022**



## CERTIFICATE

This is to certify that the Mini-Project entitled

**KBACO**

Being submitted to

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) -**

(Affiliated to Annamalai university - Chidambaram)

Submitted By

**S. VIGNESH (A22MIT25)**

For the partial Fulfillment for the award of degree of

**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

Is a Bonafide record of work carried out by him,

Under my guidance and supervision.

  
**INTERNAL GUIDE**

**Dr. R. ARUNA KIRITHIKA,**  
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Cuddalore - 607 001.

Submitted for the viva-voce examination on 13/12/22

**Examiners:**

1.  13/12/22

2.  13/12/22

**GUEST AUTOMIZATION  
- Hotel Management System**

**A Mini-Project Report**

Submitted for partial fulfilment of the requirement for the award of the degree of  
**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

Submitted by

**S. VIGNESH (A22MIT25)**

Under the Guidance of

**Dr. R. ARUNA KIRITHIKA., M.C.A., M.Phil., Ph.D.,**  
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PG DEPARTMENT OF COMPUTER APPLICATIONS

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM

CUDDALORE-607001

MAY – 2023

## CERTIFICATE

This is to certify that the Mini-Project entitled

### GUEST AUTOMIZATION

### - Hotel Management System

Being submitted to

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai university – Chidambaram)

Submitted By

**S. VIGNESH (A22MIT25)**

For the partial Fulfillment for the award of degree of

### MASTER OF SCIENCE IN INFORMATION TECHNOLOGY

Is a Bonafide record of work carried out by him,

Under my guidance and supervision.

*Received 28/4/23*  
**INTERNAL GUIDE**

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*Dr. John Pradeep Ebenezer*  
**HEAD OF THE DEPARTMENT**

**Dr. A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil., Ph.D.,**  
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St. Joseph's College of Arts & Science  
(Autonomous)  
Cuddalore - 607 001.

Submitted for the viva-voce examination on 03.05.2023

#### Examiners:

1. *Dr. R. Aruna Kirithika*

2. *R. Pradeep 3/5/23*

# **SAMURAI FIGHTING GAME**

**A Mini-Project Report**

Submitted for partial fulfilment of the requirement for the award of the degree of

**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

Submitted by

**M.YUVA PRASATH(A22MIT26)**

Under the Guidance of

**Mrs. R. VIDHYA LAKSHMI M.C.A., M.Phil., SET,**

(Assistant Professor, PG Department of Computer Applications)



PG DEPARTMENT OF COMPUTER APPLICATIONS

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

AFFILIATED TO ANNAMALAI UNIVERSITY, CHIDAMBARAM

CUDDALORE-607001

DECEMBER – 2022



## CERTIFICATE

This is to certify that the Mini-Project entitled

### SAMURAI FIGHTING GAME

Being submitted to

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(Affiliated to Annamalai university – Chidambaram)

Submitted By

**M.YUVA PRASATH(A22MIT26)**

For the partial Fulfillment for the award of degree of

**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

Is a Bonafide record of work carried out by him,

Under my guidance and supervision.

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**INTERNAL GUIDE**

*(A. Vaidyanathan)*

*Signature*  
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(Autonomous)  
Cuddalore - 607 001.

Submitted for the viva-voce examination on 13/12/2022

**Examiners:**

1. *Signature*

2. *Signature*

**"MUGHAL ADMINISTRATION-A STUDY"**

**"The project report submitted to St. Joseph's College of Arts and Science  
(Autonomous),Cuddalore.**

In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF ARTS**

**Submitted by**

**A.BHARANIDHARAN**

**Reg.no:A20HID40**

Under the Guidance of

**Mr.V.BALACHANDAR, M.A.,B.ED.,**

(Assistant Professor of History)



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE- 607001**

**APRIL 2023**

## BONAFIDE CERTIFICATE

This is to certify that this project report titled, "MUGHAL ADMINISTRATION- A study a bonafide record work submitted by A.BHARANIDHARAN (A20HID40) in partial fulfilment of the requirement for the award of the degree of BACHELOR OF ARTS in ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: Cuddalore

Date: 29/05/2023



Signature of the guide



Signature of the MOD

Dr. L. Santhana Raj  
Associate Professor  
Head (i/c), Department of History,  
St Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 1.



Signature of the External

**Dr.(Mrs) T.UMA, M.A., M.HI., Ph.D., SET.,**  
**Assistant Professor & Head**  
**Department of History**  
**C.Kandaswami Naidu College for Women**  
**Cuddalore - 607 001.**

**"SRIRANGAM RANGANATHASWAMI TEMPLE"**

**"The project report submitted to St. Joseph's College of Arts and  
Science In partial **fulfilment** of the requirement for the award of the  
degree of**

**(Autonomous), Cuddalore.**

**BACHELOR OF HISTORY**

**Submitted by**

**P.HARIHARAN**

**Reg. no: A20HID41**

**Under the Guidance of**

**Mr. M.JAYARAJ, M.A., M.Phil.,**

**(Assistant Professor of History)**



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL 2023**



## BONAFIDE CERTIFICATE

This is to certify that this project report title, **SRIRANGAM RANGANATHASWAMI TEMPLE** a bonafide record work submitted by **P.HARIHARAN (A20HID41)** in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF HISTORY** in **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree

Place: Cuddalore

Signature of the Guide

Date: 29.05.2023

Signature of the HOD

Dr. S. Anand  
Head (i/c), Department of History,  
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Cuddalore - 1.

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Dr.(Mrs) T. UMA, M.A., M.M., Ph.D., SET,  
Assistant Professor & Head  
Department of History  
C.Kandaswami Naidu College for Women  
Cuddalore - 607 001.

**"HISTORY OF M.G. RAMACHANDRAN"**

**"The project report submitted to St. Joseph's College of Arts and  
Science In partial fulfilment of the requirement for the award of the  
degree of**

**(Autonomous), Cuddalore.**

**BACHELOR OF HISTORY**

**Submitted by**

**T.GOKULAN**

**Reg. no: A20HID43**

**Under the Guidance of**

**Dr. R. SUDAROLI M.A., M.Phil., Ph.D.,**

**(Assistant Professor of History)**



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL 2023**

## BONAFIDE CERTIFICATE

This is to certify that this project report title, **HISTORY OF M.G.RAMACHANDRAN** a bonafide record work submitted by **T.GOKULAN (A20HID43)** in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF HISTORY in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree

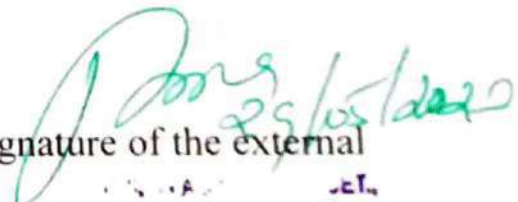
Place: Cuddalore

Date: 29/05/2023

  
Signature of the Guide

  
Signature of the HOD

**Dr. L. Santhana Raj**  
Associate Professor  
Head (i/c), Department of History,  
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Cuddalore - 1.

  
Signature of the external

Professor & Head  
Department of History  
G. Kandaswami Naidu College for Women  
Cuddalore - 607 001.

**"Women Literature And Education in South Arcot District"**

**"The project report submitted to St. Joseph's College of Arts and  
Science In partial **fulfilment** of the requirement for the award of the  
degree of**

**(Autonomous), Cuddalore.**

**BACHELOR OF HISTORY**

**Submitted by**

**V. HARISH**

**Reg. no: A20HID47**

**Under the Guidance of**

**Mr.M.JEYARAJ M.A., M.Phil.,**

**(Assistant Professor of History)**



**DEPARTMENT OF HISTORY**

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**CUDDALORE-607001**

**APRIL 2023**



## BONAFIDE CERTIFICATE

This is to certify that this project report title, **WOMEN LITERATURE AND EDUCATION IN SOUTH ARCOT DISTRICT** a bonafide record work submitted by **V. HARISH (A20HID47)** in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF HISTORY** in **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree

Place: Cuddalore

Date: 29.05.2023

Signature of the Guide

Signature of the HOD

**Dr. L. Santhana Raj**  
Associate Professor  
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**Dr. (Mrs) T. UMA, M.A., M.M., Ph.D., SET,**  
Assistant Professor & Head  
Department of History  
C. Kandaswami Naidu College for Women  
Cuddalore - 607 001.

**“HISTORY OF MARATHAS OF TANJORE-ASTUDY”**

**“The project report submitted to St. Joseph's College of Arts and  
Science(Autonomous),Cuddalore.**

Inpartial fulfillment oftherequirement for the award of the degree of

**BACHELOR OF ARTS IN HISTORY**

**Submitted by**

**S.SHIVAGURUNAATHAN**

**Reg.no:A20HID48**

UndertheGuidanceof

**Dr.R.SUDAROLI, M.A.,PH.D.,**

(Assistant Professor of History)



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)CUDDALORE-607001**

**APRIL2023**

## BONAFIDE CERTIFICATE

This is to certify that this project report titled, "**HISTORY OF MARATHAS OF TANJORE-A study**" a bonafide record work submitted by **S.SHIVAGURUNAATHAN** (A20HID48) in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF ARTS** in **ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: Cuddalore

Date: 29.05.2023

  
Signature of the guide

  
Signature of the HOD

**Dr. L. Santhana Raj**

Associate Professor

Head (i/c), Department of History,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 1.

  
Signature of the External

**T. UMA, M.A., M.Ni Ph.D., SET,**  
Assistant Professor & Head  
Department of History  
C.Kandaswami Naidu College for Women  
Cuddalore - 607 001.

**“THE PALLAVA ARCHITECTURE OF SOUTH INDIA-A STUDY”**

**“The project report submitted to St. Joseph’s College of Arts and Science**

**(Autonomous),Cuddalore.**

**In partial fulfillment of the requirement for the award of the degree of**

**BACHELOR OF ARTS**

**Submitted by**

**K.SANJAI**

**Reg.no:A20HID51**

**Under the Guidance of**

**Mr.M.JEYRAJ, M.A.,M.PHIL.,**

**(Assistant Professor of History)**



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE- 607001**

**APRIL 2023**



## BONAFIDE CERTIFICATE

This is to certify that this project report titled, "THE PALLAVA ARCHITECTURE OF SOUTH INDIA -A study a bonafide record work submitted by K.SANJAI (A20HID51) in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF ARTS** in **ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: Cuddalore

Date: 29.05.2023

  
Signature of the guide

  
Signature of the HOD

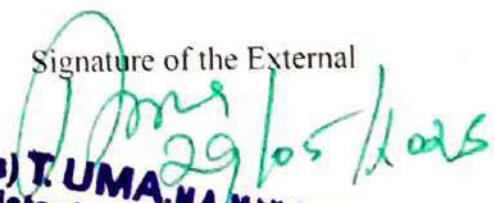
**Dr. L. Santhana Raj**

Associate Professor

Head (i/c), Department of History,

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore - 1.

  
Signature of the External

**Dr. (Mrs) T. UMA, M.A., M.H., Ph.D., SET,**  
Assistant Professor & Head  
Department of History  
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Cuddalore - 607 001.

**“SOCIAL CONDITION OF TANJORE UNDER THE NAYAK RULE-A  
STUDY”**

**“The project report submitted to St. Joseph’s College of Arts and Science  
(Autonomous),Cuddalore.**

In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF ARTS**

Submitted by

**R.RAJESH**

**Reg.no:A20HHD52**

Under the Guidance of

**Dr.R.SUDAROLI, M.A.,PH.D.,**

(Assistant Professor of History)



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE- 607001**

**APRIL 2023**

## BONAFIDE CERTIFICATE

This is to certify that this project report titled, **HISTORY OF social condition of tanjore under the nayak rule-a study** a bonafide record work submitted by **R.RAJESH** (A20HID52) in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF ARTS in ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: CUDDALORE

Date: 29.05.2023

Dr. R. Santhana Raj  
29/5/2023  
Signature of the guide

Signature of the HOD  
29/5/2023

**Dr. L. Santhana Raj**  
Associate Professor  
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Signature of the External  
Dr. (Mrs) T. UMA, M.A., M.H., Ph.D., SET.,  
Assistant Professor & Head  
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Cuddalore - 607 001.

# **"HISTORY OF CUDDALORE THROUGH THE AGES"**

**"The project report submitted to St. Joseph's College of Arts and Science In partial fulfilment of the requirement for the award of the degree of**

**(Autonomous), Cuddalore.**

**BACHELOR OF HISTORY**

**Submitted by**

**V.DHINESH**

**Reg. no: A20HID54**

**Under the Guidance of**

**Mr. M.JEYARAJ, M.A., M.Phil.,**

**(Assistant Professor of History)**



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL 2023**





## BONAFIDE CERTIFICATE

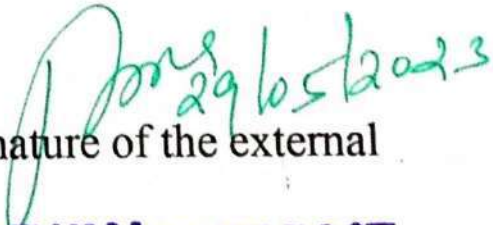
This is to certify that this project report title, **HISTORY OF CUDDALORE THROUGH THE AGES** a bonafide record work submitted by **V.DHINESH (A20HID54)** in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF HISTORY in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: Cuddalore

Date: 29, 08, 2023

  
Signature of the Guide

  
Signature of the HOD  
**Dr. L. Santhana Raj**  
Associate Professor  
Head (i/c), Department of History,  
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Cuddalore - 1.

  
Signature of the external  
**Dr. (Mrs) T. UMA, M.A., M.NIL., Ph.D., SET.,**  
Assistant Professor & Head  
Department of History  
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Cuddalore - 1.

**“LIFE AND ACHIEVEMENT OF KARUNANIDHI”**

**“The project report submitted to St. Joseph’s College of Arts and Science  
(Autonomous), Cuddalore.**

In partial fulfilment of the requirement for the award of the Degree of

**BACHELOR OF HISTORY**

Submitted by

**K.ARIVUKARASU**

**Reg. no: A20HID55**

Under the Guidance of

**Dr. R. SUDAROLI M.A., M.Phil., Ph.D.,**

(Assistant Professor of History)



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL 2023**

## BONAFIDE CERTIFICATE

This is to certify that this project report title, LIFE AND ACHIEVEMENT OF KARUNANIDHI a bonafide record work submitted by K. ARIVUKARASU (A20HID55) in partial fulfilment of the requirement for the award of the degree of BACHELOR OF HISTORY in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE during 2022-2023 and that the project work has not been submitted for the award of any other degree

Place: Cuddalore

Date: 29/05/2023

*Dr. P. Subrahmaniam*  
Signature of the Guide

*Dr. L. Santhana Raj*  
Signature of the HOD

**Dr. L. Santhana Raj**  
Associate Professor  
Head (i/c). Department of History,  
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*Dr. (Mrs) T. Uma*  
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**Dr. (Mrs) T. UMA, M.A., M.Hil., Ph.D., SET.,**  
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Cuddalore - 607 001

**“NEPOLEON BONAPARTE’S GREATEST VICTORY”**

**“The project report submitted to St. Joseph’s College of Arts and Science**

**(Autonomous),Cuddalore.**

In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF ARTS**

Submitted by

**K. ARON CHRISTHU RAJ**

**Reg.no:A20HID57**

Under the Guidance of

**Mr.V.BALACHANDAR, M.A.,B.ED.,**

(Assistant Professor of History)



**DEPARTMENT OF HISTORY**

**ST. JOSEPH’S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE- 607001**

**APRIL 2023**



## BONAFIDE CERTIFICATE

This is to certify that this project report titled, **NEPOLEON BONAPARTE'S GREATEST VICTORY** a bonafide record work submitted by **K. ARON CHRISTHU RAJ (A20HID57)** in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF ARTS** in **ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: Cuddalore

Date: 29/05/2023




Signature of the guide

Signature of the Head

  
**Dr. L. Santhana Raj**  
Associate Professor  
Head (I/c), Department of History,  
St. Joseph's College of Arts & Science (Autonomous)  
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Signature of the External

  
**Dr. (Mrs) T. UMA, M.A., M.M., Ph.D., SET.**  
Assistant Professor & Head  
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Cuddalore - 607 001.

**"GANGAIKONDACHOLAPURAM - A HISTORY STUDY"**

**"The project report submitted to St. Joseph's College of Arts and Science (Autonomous),**

**Cuddalore.**

In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF ARTS IN HISTORY**

Submitted by

**S.VENKATESH**

Reg.no: A20HID59

Under the Guidance of

**Mr.M.JEYRAJ, M.A.,M.PHIL.,**

(Assistant Professor of History)



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE- 607001**

**APRIL 2023**

## BONAFIDE CERTIFICATE

This is to certify that this project report titled,

**“GANGAIKONDACHOLAPURAM - A HISTORY STUDY”**

abonafide record work submitted by **S.VENKATESH (A20HID59)** in

partial **fulfilment** of the requirement for the award of the degree of


**BACHELOR OF ARTS** in **ST.JOSEPH'S COLLEGE OF ARTS AND**

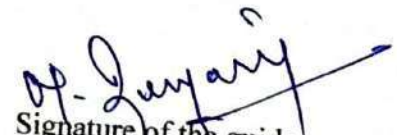
**SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-


2023 and that the project work has not been submitted for the award of any other degree.

Place: Cuddalore

Date: 29/05/23

  
Signature of the Head  
Head (i/c), Department of History,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 1.

  
Signature of the guide

  
Signature of the External  
Dr. (Mrs) T. UMA, M.A., M.Ph., Ph.D., SET.,  
Assistant Professor & Head  
Department of History  
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Cuddalore - 607 001.

**“WORKS OF OMANDURAR RAMASWAMY REDDIYAR IN TAMIL NADU”**

**The project report submitted to St. Joseph's College of Arts and Science  
(Autonomous), Cuddalore.**

In partial **fulfilment** of the requirement for the award of the degree of

**BACHELOR OF ARTS**

**Submitted by**

**S. ARPUTHA RAYAR**

**Reg.no:A20HID61**

**Under the Guidance of**

**Mr.V.BALACHANDAR, M.A., B.ED.,**

**(Assistant Professor of History)**



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE- 607001**

**APRIL 2023**



## BONAFIDE CERTIFICATE

This is to certify that this project report titled, **WORKS OF OMANDURAR RAMASWAMY REDDIYAR IN TAMIL NADU** a bonafide record work submitted by **S.ARPUTHA RAYAR (A20HID61)** in partial **fulfilment** of the requirement for the award of the degree of **BACHELOR OF ARTS** in **ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: Cuddalore

Date: 29/5/23




Signature of the guide



Signature of the HOD

**Dr. L. Sathana Raj**  
Associate Professor  
Head (i/c). Department of History,  
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Cuddalore - 1.



Signature of the External

**Dr. (Mrs) T. UMA, M.A., M.NIL., Ph.D., SET.,**  
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Cuddalore - 607 001.

**"THE RELEVANCE OF GANDHIAN CONSTRUCTION  
PROGRAMMES TODAY"**

**"The project report submitted to St. Joseph's College of Arts and  
Science In partial **fulfilment** of the requirement for the award of the  
degree of**

**(Autonomous), Cuddalore.**

**BACHELOR OF HISTORY**

**Submitted by**

**A.M.MALARVANAN**

**Reg. no: A20HID62**

**Under the Guidance of**

**Mr.M.JAYARAJ, M.A., M.Phil.,**

**(Assistant Professor of History)**



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

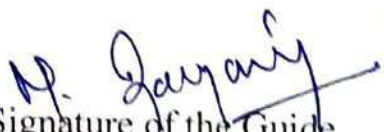
**APRIL 2023**

## BONAFIDE CERTIFICATE

This is to certify that this project report title, **THE RELEVANCE OF GANDHIAN CONSTRUCTIVE PROGRAMMES TODAY** a bonafide record work submitted by **A.M.MALARVANAN (A20HID62)** in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF HISTORY** in **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree

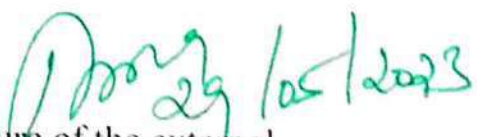
Place: Cuddalore

Date: 29-5-2023

  
Signature of the Guide

  
Signature of the HOD

**Dr. L. Santhana Raj**  
Associate Professor  
Head (i/c), Department of History,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 1.

  
Signature of the external

**Dr.(Mrs) T. UMA, M.A., M.NIL., Ph.D., SET.**  
Assistant Professor & Head  
Department of History  
C.Kandaswami Naidu College for Women  
Cuddalore - 607 001.

**"PUDUCHERRY TOURISM AND DEVELOPMENT"**

**"The project report submitted to St. Joseph's College of Arts and Science  
(Autonomous), Cuddalore.**

In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF ARTS**

Submitted by

**A. PRAVEEN KUMAR**

**Reg.no: A20HID64**

Under the Guidance of

**Dr.R.SUDAROLI, M.A.,PH.D.,**

(Assistant Professor of History)



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE- 607001**

**APRIL 2023**



# BONAFIDE CERTIFICATE

This is to certify that this project report titled, **PUDUCHERRY TOURISM AND DEVELOPMENT** a bonafide record work submitted by **A. PRAVEEN KUMAR (A20HID64)** in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF ARTS in ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: CUDDALORE

Date: 29/5/2023

Signature of the guide

Signature of the HOD  
**Dr. D. Santhana Raj**  
 Associate Professor  
 Head (i/c), Department of History,  
 St. Joseph's College of Arts & Science (Autonomous)  
 Cuddalore - 1.

Signature of the External

**Dr. (Mrs) T. UMA. M.A., M.H., Ph.D., SET.,**  
**Assistant Professor & Head**  
**Department of History**  
**C.Kandaswami Naidu College for Women**  
**Cuddalore - 607 001.**

**“RISE AND FALL OF NAPOLEON BONAPARTE”**

**“The project report submitted to St. Joseph’s College of Arts and Science  
(Autonomous),Cuddalore.**

In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF ARTS**

Submitted by

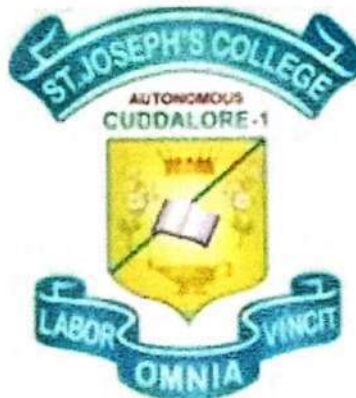
**M.KARTHIK**

**Reg.no:A20HID65**

Under the Guidance of

**Mr. V. BALACHANDAR, M.A,B.Ed.,**

(Assistant Professor of History)



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE- 607001**

**APRIL 2023**

## BONAFIDE CERTIFICATE

This is to certify that this project report titled, **RISE AND FALL OF NAPOLEON BONAPARTE** a bonafide record work submitted by **M.KARTHIK(A20HID65)** in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF ARTS in ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: CUDDALORE

Date: 29/5/2023



Signature of the guide




Signature of the HOD

**Dr. L. Santhana Raj**

Associate Professor

Head (i/c), Department of History,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 1.



Signature of the External

**Dr. (Mrs) T. UMA, M.A., M.N., Ph.D., SET.,**  
Assistant Professor & Head  
Department of History  
C. Kandaswami Naidu College for Women  
Cuddalore - 607 001.

**“WOMAN EDUCATION IN SOUTH ARCOT DISTRICT”**

**“The project report submitted to St. Joseph’s College of Arts and Science (Autonomous),**

**Cuddalore.**

**In partial fulfillment of the requirement for the award of the degree of**

**BACHELOR OF ARTS IN HISTORY**

**Submitted by**

**M.SASIDHARAN**

**Reg.no:A20HID66**

**Under the Guidance of**

**Mr.M.JEYRAJ, M.A.,M.PHIL.,**

**(Assistant Professor of History)**



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE- 607001**

**APRIL 2023**



## BONAFIDE CERTIFICATE

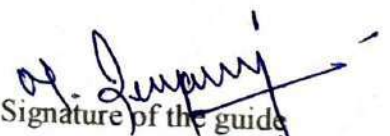
This is to certify that this project report titled, **"WOMAN EDUCATION IN SOUTH ARCOT DISTRICT"** abonafide record work submitted by **M.SASIDHARAN (A20HID66)** in partial **fulfilment** of the requirement for the award of the degree of **BACHELOR OF ARTS** in **ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.


Place: Cuddalore

Date: 29/05/2023

Signature of the HOD

**Dr. C. Santhana Raj**  
Associate Professor  
Head (i/c), Department of History,  
St.Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 1.

  
Signature of the guide

  
Signature of the guide  
**Dr.(Mrs) J. UMA**, M.A., M.M., Ph.D., SEI  
Assistant Professor & Head  
Department of History  
C.Kandaswami Naidu College for Women  
Cuddalore - 607 001.

***"V.O.CHIDAMBARAM PILLAI AND HIS FREEDOM STRUGGLE – A STUDY"***

**The project report submitted to St. Joseph's College of Arts and Science  
(Autonomous), Cuddalore.**

**In partial fulfillment of the requirement for the award of the degree of**

**BACHELOR OF ARTS IN HISTORY**

**Submitted by**

**R.V.GEETHA PRASATH**

**Reg.no: A20HID67**

**Under the Guidance of .,**

**Dr.R.SUDAROLI, M.A., Ph.D.,**

**(Assistant Professor of History)**



**PG & RESEARCH DEPARTMENT OF HISTORY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)CUDDALORE – 607 001**

**APRIL 2023**

## BONAFIDE CERTIFICATE

This is to certify that this project report titled, "**V.O.CHIDAMBARAM PILLAI AND HIS FREEDOM STRUGGLE – A STUDY**" a bonafide record work submitted by **R.V.GEETHA PRASATH (A20HID67)** in partial fulfillment of the requirement for the award of the degree of **BACHELOR OF ARTS IN HISTORY** in **ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: Cuddalore

*Dr. R. Senthil*  
24/5/2023  
Signature of the guide

Date: 29.05.2023

*Dr. L. Santhana Raj*  
29/5/2023  
Signature of HOD

**Dr. L. Santhana Raj**

Associate Professor

Head (i/c), Department of History,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 1.

*Dr. (Mrs) T. Uma*  
29/5/2023  
Signature of the External  
**Dr. (Mrs) T. UMA, M.A., M.H., Ph.D., SET.,**  
Assistant Professor & Head  
Department of History  
C.Kandaswami Naidu College for Women  
Cuddalore - 607 001.

**"EARLY LIFE OF PERIYAR AND HIS ACHIVEMENT"**

**"The project report submitted to St. Joseph's College of Arts and Science In partial fulfillment of the requirement for the award of the degree of**

**(Autonomous), Cuddalore.**

**BACHELOR OF HISTORY**

**Submitted by**

**P.SABARIPRIYAN**

**Reg. no: A20HID68**

**Under the Guidance of**

**Mr. V.BALACHANDAR,M.A.,B.ED.,**

**(Assistant Professor of History)**



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL 2023**




## BONAFIDE CERTIFICATE

This is to certify that this project report title, **EARLY LIFE OF PERIYAR AND HIS ACHIVEMENT** a bonafide record work submitted by **P.SABARIPRIYAN (A20HID68)** in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF HISTORY** in **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree

Place: Cuddalore

Date: 29/05/2023

  
Signature of the Guide

  
Signature of the HOD

**Dr. L. Santhana Raj**

Associate Professor

(i/c), Department of History,

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore - 1.

  
Signature of the external

**Dr.(Mrs) T. UMA, M.A., M.M., Ph.D., SET.,**

Assistant Professor & Head

Department of History

C.Kandaswami Naidu College for Women

Cuddalore - 607 001.

**“HISTORY OF SATHRABATHY SIVAJI-A STUDY”**

**“The project report submitted to St. Joseph’s College of Arts and Science**

**(Autonomous),Cuddalore.**

In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF ARTS**

**Submitted by**

**I.GAWTHAM**

**Reg.no:A20HID69**

**Under the Guidance of**

**Mr.M.JAYARAJ, M.A.,M.Phil.,**

**(Assistant Professor of History)**



**DEPARTMENT OF HISTORY**

**ST. JOSEPH’S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE- 607001**

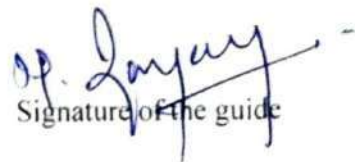
**APRIL 2023**

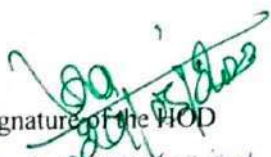
## BONAFIDE CERTIFICATE

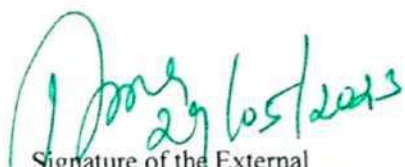
This is to certify that this project report titled, "**HISTORY OF SATHRABATHY SIVAJI- A study**" a bonafide record work submitted by **LGAWTHAM** (A20HID69) in partial **fulfilment** of the requirement for the award of the degree of **BACHELOR OF ARTS** in **ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: Cuddalore

Date: 29.05.2023

  
Signature of the guide

  
Signature of the HOD  
**Dr. L. Santirana Raj**  
Associate Professor  
Head (i/c), Department of History,  
Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 1.

  
Signature of the External  
**Dr. (Mrs) T. UMA, M.A., M.N.I., Ph.D., SET.,**  
Assistant Professor & Head  
Department of History  
C.Kandaswami Naidu College for Women  
Cuddalore - 607 001.

**"TAMIL NADU UNDER CONGRESS RULE "**

**"The project report submitted to St. Joseph's College of Arts and Science  
(Autonomous),Cuddalore.**

In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF ARTS**

Submitted by

**R. SATHISH KUMAR**

**Reg.no:A20HID70**

Under the Guidance of

**Dr.R.SUDAROLI, M.A.,PH.D.,**

(Assistant Professor of History)



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE- 607001**

**APRIL 2023**




## BONAFIDE CERTIFICATE


This is to certify that this project report titled, "TAMIL NADU UNDER CONGRESS RULE " a bonafide record work submitted by **R. SATHISH KUMAR (A20HID70)** in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF ARTS in ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: CUDDALORE

Date: 29.06.2023

  
Signature of the guide

  
Signature of the HOD  
Dr. Sathya Raj  
Associate Professor  
Head (I/C), Department of History,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 1.

  
Signature of the External  
Dr. (Mrs) LUMA, M.A., M.N., Ph.D., SET.,  
Assistant Professor & Head  
Department of History  
C.Kandaswami Naidu College for Women  
Cuddalore - 607 001.

"periyar and his self-respect movement and his study"

"The project report submitted to St. Joseph's College of Arts and  
Science

(Autonomous), Cuddalore.

In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF HISTORY**

Submitted by

Vignesh.M

Reg.no: A20HID72

Under the Guidance of

Mr.V.BALACHANDRAN,M.A.,B.ED.,

(Assistant Professor of History)



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL 2023**

## BONAFIDE CERTIFICATE

This is to certify that this project report titled, **periyar and his self-respect movement and his study** a bonafide record work submitted by **M.VIGNESH(A20HID72)** in partial fulfillment of the requirement for the award of the degree of **BACHELOR OF HISTORY** in **ST JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: Cuddalore

Date: 29/05/23



Signature of the guide



Signature of the HOD

Dr. L. SANTHANA RAO

Assistant Professor

Board: C. U. Department of History

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore - 605 007



Signature of the External

Dr. (Mrs) T. UMA, M.A., M.M., Ph.D., B.Ed.

Assistant Professor & Head

Department of History

C. Ranganatha Naidu College for Women

Cuddalore - 605 007

# **"REFORMS OF JUSTICE PARTY IN MADRAS PRESIDENCE A- STUDY**

**"The project report submitted to St. Joseph's College of Arts and Science**

**(Autonomous), Cuddalore.**

**In partial fulfillment of the requirement for the award of the degree of**

**BACHELOR OF ARTS**

**Submitted by**

**R. MOHAN RAJ**

**Reg.no:A20H1D73**

**Under the Guidance of**

**Dr. JAYARAJ,M.A.,M.Phil.,**

**(Assistant Professor of History)**



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE- 607001**

**APRIL 2023**




## BONAFIDE CERTIFICATE

This is to certify that this project report titled, **JUSTICE OF TAMIL NADU** a bonafide record work submitted by **R. MOHAN RAJ (A20HID73)** in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF ARTS in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: CUDDALORE

Date: 29.05.23

  
Signature of the guide

  
Signature of the HOD


**Dr. L. Santhana Raj**

Associate Professor

Head (i/c), Department of History,

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore - 1.

  
Signature of the External

**Dr. (Mrs) T. UMA, M.A., M.M., Ph.D., SET.**

Assistant Professor & Head

Department of History

C. Kandaswami Naidu College for Women

Cuddalore - 607 001.

**" FRENCH REVOLUTION"**

**"The project report submitted to St. Joseph's College of Arts and Science  
(Autonomous),Cuddalore.**

In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF ARTS**

Submitted by

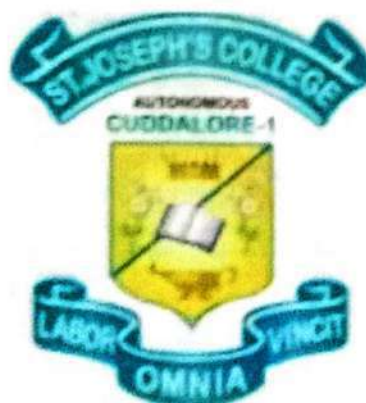
**A.ARUNACHALAM THOMAS BOLIVA**

**Reg.no:A20HID74**

Under the Guidance of

**Dr.R.SUDAROLI, M.A.,PH.D.,**

(Assistant Professor of History)



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE- 607001**

**APRIL 2023**

## BONAFIDE CERTIFICATE

This is to certify that this project report titled, **FRENCH REVOLUTION** a bonafide record work submitted by **A.ARUNACHALAM THOMAS BOLIVA(A20HID74)** in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF ARTS** in **ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: CUDDALORE


Date: 29/5/2023

  
Signature of the guide

  
Signature of the HOD

Dr. L. Santhana Raj  
Associate Professor  
Head of the Department of History,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 1.

Signature of the External

  
Dr. (Mrs) T. UMA, M.A., M.N.I., P.D., SET,  
Assistant Professor & Head  
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Cuddalore - 607 001.

**“AKBAR ADMINISTRATION AND RELIGIOUS POLICY”**

**“The project report submitted to St. Joseph’s College of Arts and Science  
(Autonomous),Cuddalore.**

In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF ARTS**

Submitted by

**I.KARTHIKEYAN**

**Reg.no:A20HID77**

Under the Guidance of

**Mr. M. JEYARAJ ..M.A.,M.Phil.**

(Assistant Professor of History)



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE- 607001**

**APRIL 2023**




## BONAFIDE CERTIFICATE

This is to certify that this project report titled, **AKBAR ADMINISTRATION AND RELIGIOUS POLICY** a bonafide record work submitted by **I.KARTHIKEYAN (A20HID77)** in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF ARTS in ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: CUDDALORE

Date: 29.05.2023

  
Signature of the guide

  
Signature of the HOD

**Dr. S. Saathana Raj**  
Associate Professor  
Head (i/c), Department of History,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 1.

  
Signature of the External

**Dr.(Mrs) T. UMA, M.A., M.H., Ph.D., SET.,**  
Assistant Professor & Head  
Department of History  
C.Kandaswami Naidu College for Women  
Cuddalore - 607 001.

***"CONTRIBUTIONS OF CHOLA QUEENS TO ART AND CULTURE"***

The project report submitted to St. Joseph's College of Arts and Science  
(Autonomous), Cuddalore.

In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF ARTS IN HISTORY**

Submitted by

**D.V.ATHITHYAA**

Reg.no: A20HID03

Under the Guidance of .,

**Dr.R.SUDAROLI, M.A., Ph.D.,**

(Assistant Professor of History)



**PG & RESEARCH DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)CUDDALORE – 607 001**

**APRIL 2023**

### BONAFIDE CERTIFICATE

This is to certify that this project report titled, "**CONTRIBUTIONS OF CHOLA QUEENS TO ART AND CULTURE**" a bonafide record work submitted by **D.V.ATHITHYAA (A20HID03)** in partial fulfillment of the requirement for the award of the degree of **BACHELOR OF ARTS IN HISTORY** in **ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: Cuddalore

Date: 29.05.2023

*P. R. Senthil*  
Signature of the guide 29/5/2023

*V. S. Senthil*  
Signature of HOD 29/5/2023

*P. Uma*  
Signature of the External 29/5/2023

**Dr.(Mrs) T. UMA, M.A., M.Hil., Ph.D., SET.,**  
**Assistant Professor & Head**  
**Department of History**  
**C.Kandaswami Naidu College for Women**  
**Cuddalore - 607 001.**

**“HISTORICAL STUDY OF CULTURAL SIGNIFICANCE  
SPECIAL MENTION FOR THE THANJAVUR DOLL AND PLATE”**

**The project report submitted to St. Joseph's College of Arts and Science  
(Autonomous), CUDDALORE- 1**

**In partial fulfillment of the requirement for the award of the degree of  
BACHELOR OF ARTS IN HISTORY**

Submitted by

**V.BALAJI**

**Reg.no: A20HID04**

Under the Guidance of

**Mr. V. BALACHANDER . M.A.,B.ED.,**

(Assistant Professor of History)



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

**APRIL 2023**

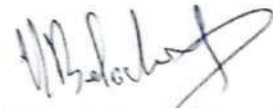


## BONAFIDE CERTIFICATE

This is to certify that this project report titled, "**HISTORICAL STUDY OF CULTURAL SIGNIFICANCE SPECIAL MENTION FOR THE THANJAVUR DOLL AND PLATE**" a bonafide record work submitted by **V. BALAJI (A20HID04)** in partial fulfillment of the requirement for the award of the degree **BACHELOR OF ARTS IN HISTORY** in **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE -01** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: Cuddalore

Data : 29/05/2023



Signature of the guide



Signature of the HOD

Dr. L. Santhana Raj

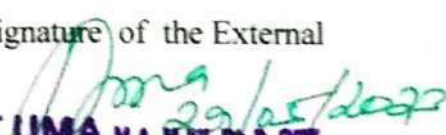
Associate Professor

Head (i/c), Department of History,

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore - 1.

Signature of the External



Dr. (Mrs) T. UMA. M.A., M.N.I., Ph.D., SET.  
Assistant Professor & Head  
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C. Kandaswami Naidu College for Women  
Cuddalore - 607 001.

# **LIFE AND ACHIEVEMENTS OF VIJAYA LAKSHMI PANDIT**

**“The project report submitted to St.Joseph’s College of Arts and Science  
(Autonomous), Cuddalore.**

In partial fulfilment of the requirement for the award of the degree of  
**BACHELOR OF ARTS IN HISTORY**

**Submitted by**

**M.BARANI**

**Reg.no:A20HID05**

Under the Guidance of

**Mr.M.JAYARAJ,M.A.,Phil.,**

**(Assistant Professor of History)**



**PG & RESEARCH DEPARTMENT OF HISTORY  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL 2023**

## BONAFIDE CERTIFICATE

This is to certify that this project report titled, "LIFE AND ACHIEVEMENTS OF VIJAYA LAKSHMI PANDIT" a bonafide record work submitted by Mr. **.BARANI A20HID05** in partial fulfilment of the requirement for the award of the degree of BACHELOR OF ARTS IN HISTORY IN ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: Cuddalore

Signature of the guide

Date: 29.05.2023

Signature of the HOD

**Dr. L. Santhana Raj**  
Associate Professor  
Head (i/c), Department of History,  
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Cuddalore - 1.

Signature of the External

**Dr.(Mrs) T. UMA, B.A., M.A., PH.D., SET.**  
Assistant Professor & Head  
Department of History  
C.Kandaswami Naidu College for Women  
Cuddalore - 607 001.

**“HISTORY OF MUTHULAKSHMI REDDY”**

**“The project report submitted to St. Joseph’s College of Arts and Science  
(Autonomous), Cuddalore.**

In partial fulfilment of the requirement for the award of the Degree of

**BACHELOR OF HISTORY**

Submitted by

**K.CHANDRU**

**Reg. no: A20HID06**

Under the Guidance of

**Dr. R. SUDAROLI M.A., M.Phil., Ph.D.,**

(Assistant Professor of History)



**DEPARTMENT OF HISTORY**

**ST. JOSEPH’S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL 2023**



## BONAFIDE CERTIFICATE

This is to certify that this project report title, HISTORY OF MUTHULAKSHMI REDDY a bonafide record work submitted by by K.CHANDRU (A20HID06) in partial fulfilment of the requirement for the award of the degree of BACHELOR OF HISTORY in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE during 2022-2023 and that the project work has not been submitted for the award of any other degree

Place: Cuddalore

*Dr. R. Sundar*  
29/05/2023  
Signature of the Guide

Date: 29/05/2023

*Dr. L. Santhana Raj*  
29/05/2023  
Signature of the HOD

**Dr. L. Santhana Raj**  
Associate Professor  
Head (i/c), Department of History,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 1.

*Dr. S. Uma*  
29/05/2023  
Signature of the external  
**Dr. S. Uma** M.A., M.N.I. Ph.D., SET,  
Assistant Professor & Head  
Department of History  
C. Kandaswami Naidu College for Women  
Cuddalore - 607 001.

# **“SUBASH CHANDRA BOSE”**

**“The project report submitted to St. Joseph’s College of Arts and Science  
(Autonomous),Cuddalore.**

In partial fulfillment of the requirement for the award of the degree of

## **BACHELOR OF ARTS**

Submitted by

**M. CHARLES**

**Reg.no:A20HID07**

Under the Guidance of

**Mr. V.BALACHANDAR.M.A,B.Ed.**

(Assistant Professor of History)



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE- 607001**

**APRIL 2023**

## BONAFIDE CERTIFICATE

This is to certify that this project report titled, **SUBASH CHANDRA BOSE** a bonafide record work submitted by **M. CHARLES (A20HID07)** in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF ARTS in ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: CUDDALORE

Date: 29/05/2023

Signature of the guide

Signature of the HOD

**Dr. L. Santhana Raj**

Associate Professor

Head (i/c), Department of History,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 1.

Signature of the External

**Dr.(Mrs) T. UMA, M.A., M.H., Ph.D., SET.,**  
Assistant Professor & Head  
Department of History  
C.Kandaswami Naidu College for Women  
Cuddalore - 607 004.

**"ORIGIN OF THE CHOLA DYNASTY"**

**"The project report submitted to St. Joseph's College of Arts  
and Science In partial fulfilment of the requirement for the  
award of the degree of  
(Autonomous), Cuddalore.**

**BACHELOR OF HISTORY**

**Submitted by**

**S. DHARANI RAJ**

**Reg. no: A20HID09**

**Under the Guidance of**

**Mr. M.JEYARAJ, M.A., M.Phil.,**

**(Assistant Professor of History)**



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL 2023**



## BONAFIDE CERTIFICATE

This is to certify that this project report title, **ORIGIN OF THE CHOLA DYNASTY** a bonafide record work submitted by **S.DHARANI RAJ** (A20HID09) in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF HISTORY** in **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree

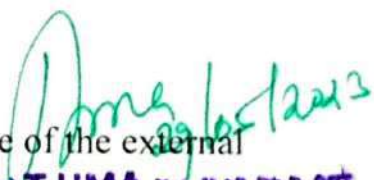
Place: Cuddalore

Date: 29.05.2023

  
Signature of the Guide

  
Signature of the HOD

**Dr. L. Santhana Raj**  
Associate Professor  
Head (i/c), Department of History,  
St Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 1.

  
Signature of the external

**Dr. Mrs. T. UMA, M.A., M.N., Ph.D., SET,**  
Assistant Professor & Head  
Department of History  
C.Kandaswami Naidu College for Women  
Cuddalore - 607 001.

**“FRENCH COLONISATION IN INDIA “**

**“The project report submitted to St. Joseph’s College of Arts and Science  
(Autonomous),Cuddalore.**

In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF ARTS**

Submitted by

**A.DINESH**

**Reg.no:A20HID10**

Under the Guidance of

**Dr.R.SUDAROLI, M.A.,PH.D.,**

(Assistant Professor of History)



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE- 607001**

**APRIL 2023**

## BONAFIDE CERTIFICATE

This is to certify that this project report titled, **FRENCH COLONISATION IN INDIA** a bonafide record work submitted by **A.DINESH(A20HID10)** in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF ARTS in ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: CUDDALORE

Date: 29.05.2023

  
Signature of the guide

  
Signature of the HOD


Dr. L

Associate Professor

Head (i/c), Department of History,

St.Joseph's College of Arts & Science (Autonomous)

Cuddalore - 1.

  
Signature of the External

**Dr.(Mrs) T. UMA**, B.A., M.A., PH.D., SET.,  
Assistant Professor & Head  
Department of History  
C.Kandaswami Naidu College for Women  
Cuddalore - 607 001.

**“A.P.J ABDUL KALAM ACHIEVEMENT-A STUDY”**

**“The project report submitted to St. Joseph’s College of Arts and Science**

**(Autonomous),Cuddalore.**

In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF ARTS**

**Submitted by**

**P.ELANGO VAN**

**Reg.no:A20HID11**

Under the Guidance of

**Mr.V.BALACHANDHAR, M.A.,B.ED.,**

(Assistant Professor of History)



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE- 607001**

**APRIL 2023**



## BONAFIDE CERTIFICATE

This is to certify that this project report titled, "**A.P.J ABDUL KALAM ACHIEVEMENT-A study**" a bonafide record work submitted by **P.ELANGO VAN (A20HID11)** in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF ARTS in ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: Cuddalore

Date: 29/05/2023



Signature of the guide



Signature of the HOD

**Dr. L. Sathya Raj**

Associate Professor

Head (i/c), Department of History,

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore - 1.



Signature of the External

**Dr. (Mrs) T. UMA, M.A., M.H., Ph.D., SET.,**

Assistant Professor & Head

Department of History

C. Kandaswami Naidu College for Women

Cuddalore - 607 001.

**“WOMEN HUMAN RIGHTS -A STUDY”**

**“The project report submitted to St. Joseph’s College of Arts and Science**

**(Autonomous),Cuddalore.**

**In partial fulfillment of the requirement for the award of the degree of**

**BACHELOR OF ARTS**

**Submitted by**

**M.GOPINATH**

**Reg.no:A20HID13**

**Under the Guidance of**

**Mr.M.JEYRAJ, M.A.,M.PHIL.,**

**(Assistant Professor of History)**



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE- 607001**

**APRIL 2023**

## BONAFIDE CERTIFICATE

This is to certify that this project report titled, "WOMEN HUMAN RIGHTS-A study a bonafide record work submitted by M.GOPINATH (A20HID13) in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF ARTS** in **ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: Cuddalore

Date: 29/05/23

Signature of the guide

Signature of the HOD

**Dr. L. Santhana Raj**

Associate Professor

Head (i/c), Department of History,

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore - 1.

Signature of the External

**Dr.(Mrs) T. UMA, M.A., M.N.I., Ph.D., SET.,**  
Assistant Professor & Head  
Department of History  
C.Kandaswami Naidu College for Women  
Cuddalore - 607 001.

**“JUSTICE PARTY OF TAMIL NADU”**

**“The project report submitted to St. Joseph’s College of Arts and Science  
(Autonomous),Cuddalore.**

In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF ARTS**

Submitted by

**M.GUNALAN**

**Reg.no:A20HID14**

Under the Guidance of

**Dr.R.SUDAROLI, M.A.,PH.D.,**

(Assistant Professor of History)



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE- 607001**

**APRIL 2023**



## BONAFIDE CERTIFICATE

This is to certify that this project report titled, "**JUSTICE PARTY OF TAMIL NADU**" a bonafide record work submitted by **M.GUNALAN** (A20HID14) in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF ARTS in ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: CUDDALORE

Date: 29 / 5 / 2023

*Dr. R. Subashini*  
29/5/2023  
Signature of the guide

Signature of the HOD

*Dr. J. Santhana Raj*  
Associate Professor  
Head (i/c), Department of History,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 1.

Signature of the External

*Dr. (Mrs) T. Uma*  
29/5/2023  
Dr. (Mrs) T. UMA, M.A., M.N.I., Ph.D., SET.,  
Assistant Professor & Head  
Department of History  
C. Kandaswami Naidu College for Women  
Cuddalore - 607 001.

# **"HISTORY OF FORT ST. DAVID-A STUDY"**

**"The project report submitted to St. Joseph's College of Arts and Science  
(Autonomous),Cuddalore.**

In partial fulfillment of the requirement for the award of the degree of

## **BACHELOR OF ARTS**

Submitted by

**P.HARI PRAKASH**

Reg.no:A20HID15

Under the Guidance of

**Mr.V.BALACHANDAR, M.A.,B.ED.,**

(Assistant Professor of History)



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE- 607001**

**APRIL 2023**

## BONAFIDE CERTIFICATE

This is to certify that this project report titled, "HISTORY OF FORT ST. DAVID- A STUDY" a bonafide record work submitted by **P.HARIPRAKSH (A20HID15)** in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF ARTS** in **ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: Cuddalore  
Date: 29.08.2023



Signature of the guide



Signature of the HOD  
**Dr. L. Sathana Raj**  
Associate Professor

Head (i/c), Department of History,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 1.



Signature of the External

**Dr. (Mrs) T. UMA, M.A., M.NIL, Ph.D., SET,**  
**Assistant Professor & Head**  
**Department of History**  
**C. Kandaswami Naidu College for Women**  
**Cuddalore - 607 001.**

**"HISTORY OF RAJIV GANDHI-A STUDY"**

**"The project report submitted to St. Joseph's College of Arts and Science**

**(Autonomous),Cuddalore.**

In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF ARTS**

**Submitted by**

**R.JAYAVEL**

**Reg.no:A20HID16**

**Under the Guidance of**

**Mr.M.JEYRAJ, M.A.,M.PHIL.,**

**(Assistant Professor of History)**



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE- 607001**

**APRIL 2023**



## BONAFIDE CERTIFICATE

This is to certify that this project report titled, "HISTORY OF RAJIV GANTHI-  
A study a bonafide record work submitted by R.JAYAVEL (A20HID16) in partial  
fulfilment of the requirement for the award of the degree of **BACHELOR OF  
ARTS in ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work  
has not been submitted for the award of any other degree.

Place: Cuddalore  
Date: 29/05/2023

Signature of the guide

Signature of the HOD

**S. Santhya Raj**  
Associate Professor  
Department of History,  
St. Joseph's College of Arts and Science (Autonomous)  
Cuddalore - 1.

Signature of the External

**Dr. (Mrs) T. UMA, M.A., M.HI., Ph.D., SET.**  
Assistant Professor & Head  
Department of History  
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Cuddalore - 607 001.

# **"HISTORY OF SUBRAMANIYA BHARADHIYAR"**

**"The project report submitted to St. Joseph's College of Arts and  
Science In partial **fulfilment** of the requirement for the award of the  
degree of**

**(Autonomous), Cuddalore.**

**BACHELOR OF HISTORY**

**Submitted by**

**J. KEVIN CHELLADURAI**

**Reg. no: A20HID17**

**Under the Guidance of**

**Dr. R. SUDAROLI M.A., M.Phil., Ph.D.,**

**(Assistant Professor of History)**



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL 2023**

## BONAFIDE CERTIFICATE

This is to certify that this project report title, **HISTORY OF SUBRAMANIYA BHARADHIYAR** a bonafide record work submitted by **J.KEVIN CHELLADURAI (A20HID17)** in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF HISTORY in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree

Place: Cuddalore

Date: 29.05.2023

Dr. *[Signature]*  
Signature of the Guide

*[Signature]*  
Signature of the HOD

**Dr. L. Santhana Raj**

Associate Professor

Head (i/c), Department of History,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 1.

*[Signature]*  
Signature of the external  
**S. T. UMA, M.A., M.Hil. Ph.D., SET.,**  
Assistant Professor & Head  
Department of History  
C.Kandaswami Naidu College for Women  
Cuddalore - 607 001.

# **“ADOLF HITLER”**

**“The project report submitted to St. Joseph’s College of Arts and Science**

**(Autonomous),Cuddalore.**

In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF ARTS**

Submitted by

**MURUGESH.B**

**Reg.no:A20HID18**

Under the Guidance of

**MR.V.BALACHANDAR,M.A,B.Ed**

(Assistant Professor of History)



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE- 607001**

**APRIL 2023**



## BONAFIDE CERTIFICATE

This is to certify that this project report titled, **ADOLF HITLER** a bonafide record work submitted by **MURUGESH.B (A20HID18)** in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF ARTS in ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: CUDDALORE

Date: 29.05.2023



Signature of the guide



Signature of the NOD

**Dr. S. Suman Raj**  
Associate Professor  
Head (i/c). Department of History,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 1.



Signature of the External

**U.N.S.A. M.A., M.H., Ph.D., SET.,**  
Assistant Professor & Head  
Department of History  
C.Kandaswami Naidu College for Women  
Cuddalore - 607 001.

# **"CHOLAS EMPIRES "**

**"The project report submitted to St. Joseph's College of Arts and  
Science(Autonomous), Cuddalore.**

In partial fulfillment of the requirement for the award of the degree of

## **BACHELOR OF ARTS**

**Submitted by**

**T. PARASURAMAN**

**Reg.no:A20HID19**

**Under the Guidance of**

**Mr. M. JAYARAJ, M.A., M.Phil.,**

**(Assistant Professor of History)**



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE - 607001**

**APRIL 2023**

## BONAFIDE CERTIFICATE

This is to certify that this project report titled, **HISTORY OF CHOLAS EMPIRES** ".a bonafide record work submitted by **T. PARASURAMAN** (A20HID19) in partial **fulfilment** of the requirement for the award of the degree of **BACHELOR OF ARTS** in **ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: Cuddalore

Date: 29/05/2023

Signature of the guide

Signature of the HOD

Signature of the  
External

**Dr. L. Santhana Raj**  
Associate Professor  
Head (i/c). Department of History,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 1.

**Dr. (Mrs) T. UMA**, M.A., M.HI., Ph.D., SET,  
Assistant Professor & Head  
Department of History  
C.Kandaswami Naidu College for Women  
Cuddalore - 607 001.

**"HISTORY OF TAMIL NADU UNDER THE ADMINISTRATION OF  
K.KAMARAJ-A STUDY"**

**"The project report submitted to St. Joseph's College of Arts and Science  
(Autonomous),Cuddalore.**

In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF ARTS**

**Submitted by**

**S.RUBAN**

**Reg.no:A20HID21**

Under the Guidance of

**Dr.R.SUDAROLI, M.A.,PH.D.,**

(Assistant Professor of History)



**DEPARTMENT OF HISTORY**

**T. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE- 607001**

**APRIL 2023**



## BONAFIDE CERTIFICATE

This is to certify that this project report titled, "**HISTORY OF TAMIL NADU UNDER THE ADMINISTRATION OF K.KAMARAJ -A study**" a bonafide record work submitted by **S.RUBAN** (A20HID21) in partial fulfillment of the requirement for the award of the degree of **BACHELOR OF ARTS** in **ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: Cuddalore

Date: 29.05.2023

*Dr. R. Subash*  
Signature of the guide 29/5/2023

*[Signature]*  
Signature of the HOD  
**Dr. L. Sankaranarayanan Raj**  
Associate Professor  
Head (in-charge) Department of History,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 1.

*[Signature]* 29/05/2023  
Signature of the External  
**Dr.(Mrs) T. UMA, M.A., M.Hil., Ph.D., SET.,**  
Assistant Professor & Head  
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C.Kandaswami Naidu College for Women  
Cuddalore - 607 001.

**"IMPACT OF AMBEDKAR MOVEMENT ON DALITS"**

**"The project report submitted to St. Joseph's College of Arts and Science In partial fulfilment of the requirement for the award of the degree of**

**(Autonomous), Cuddalore.**

**BACHELOR OF HISTORY**

**Submitted by**

**S.Sabarinathan**

**Reg. no: A20HID22**

**Under the Guidance of**

**Mr. V.BALACHANDAR,M.A.,B.ED.,**

**(Assistant Professor of History)**



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL 2023**

## BONAFIDE CERTIFICATE

This is to certify that this project report title, **IMPACT OF AMBEDKAR MOMENT ON DALITS** a bonafide record work submitted by **S.SABARINATHAN (A20HID22)** in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF HISTORY in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree



Signature of the Guide

Place: Cuddalore

Date: 29.05.23

Signature of the HOD

**Dr. L. Santhana Raj**  
Associate Professor  
Head (i/c). Department of History,  
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**Dr. (Mrs) T. UMA, M.A., M.M., Ph.D., SET.**  
Assistant Professor & Head  
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Cuddalore - 607 001.

**ADMINISTRATION OF CN ANNATHURAI UNDER THE RULE OF DMK  
TAMIL-A STUDY**

**"The project report submitted to St. Joseph's College of Arts and Science**

**(Autonomous),Cuddalore.**

**In partial fulfillment of the requirement for the award of the degree of**

**BACHELOR OF ARTS**

**Submitted by**

**M.SETHUPATHI**

**Reg.no:A20HID24**

**Under the Guidance of**

**Dr.R.SUDAROLI, M.A.,PH.D.,**

**(Assistant Professor of History)**



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)CUDDALORE-**

**607001**

**APRIL 2023**



## BONAFIDE CERTIFICATE

This is to certify that this project report titled, “ADMINISTRATION OF CN ANNATHURAI UNDER THE RULE OF DMK TAMIL-A STUDY a bonafide record work submitted by M.STHUPATHI(A20HID24) in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF ARTS** in **ST.JOSEPH’S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

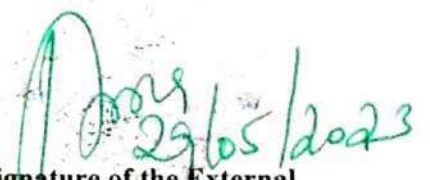
Place: Cuddalore

Date: 29.5.23

  
Signature of the guide

  
Signature of the HOD

**Dr. L. Santhana Raj**  
Associate Professor  
Head (i/c). Department of History,  
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Cuddalore - 1.

  
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**Dr.(Mrs) T. UMA, M.A., M.HI., Ph.D., SET.,**  
Assistant Professor & Head  
Department of History  
C.Kandaswami Naidu College for Women  
Cuddalore - 607 001.

**"THE CHIDAMBARAM NATARAJA TEMPLE  
INSCRIPTION-A STUDY"**

**"The project report submitted to St. Joseph's College of Arts and Science  
(Autonomous),Cuddalore.**

In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF ARTS**

**Submitted by**

**G.SOUNTHARAPANDIYAN**

**Reg.no:A20HID25**

**Under the Guidance of**

**Mr.V.BALACHANDAR, M.A.,B.ED.,**

**(Assistant Professor of History)**



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE- 607001  
APRIL 2023**

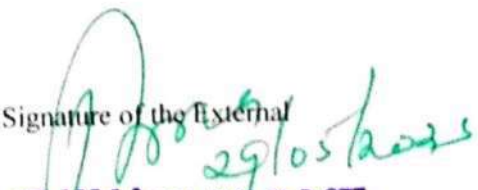
## BONAFIDE CERTIFICATE

This is to certify that this project report titled, "THE CHIDAMBARAM NATARAJA TEMPLE INSCRIPTION-A study a bonafide record work submitted by **G.SOUNTHARAPANDIYAN** (A20HID25) in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF ARTS** in **ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: Cuddalore  
Date: 29.5.23

  
Signature of the guide

  
Signature of the HOD  
**Dr. L. Santhana Raj**  
Associate Professor  
Head (i/c), Department of History,  
St Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 1.

  
Signature of the External  
**Dr.(Mrs) T. UMA, M.A., M.M., Ph.D., SET.,**  
Assistant Professor & Head  
Department of History  
C.Kandaswami Naidu College for Women  
Cuddalore - 607 001.

**“SOCIAL REFORMER PANDITHAR AYOTHEEDASAR-A STUDY”**

**“The project report submitted to St. Joseph’s College of Arts and Science  
(Autonomous),Cuddalore.**

In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF ARTS**

Submitted by

**S.SUMAN**

Reg.no:A20HID27

Under the Guidance of

**Dr.R.SUDAROLI, M.A.,PH.D.,**

(Assistant Professor of History)



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE- 607001  
APRIL 2023**



## BONAFIDE CERTIFICATE

This is to certify that this project report titled, "SOCIAL REFORMER PANDITHAR AYOTHEEDASAR-A study a bonafide record work submitted by S.SUMAN (A20HID27) in partial fulfilment of the requirement for the award of the degree of BACHELOR OF ARTS in ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: Cuddalore

Date: 29/05/2023

  
Signature of the guide

  
Signature of the HOD

**Dr. L. Santhana Raj**

Associate Professor

Department of History,

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore - 1.

  
Signature of the External

**Dr. (Mrs) T. UMA, M.A., M.M., Ph.D., B.Ed.,**

Assistant Professor & Head

Department of History

C. Kandaswami Naidu College for Women

Cuddalore - 605 001.

**“HISTORICAL STUDY AND MONUMENTS OF  
CUDDALORE DISTRICT”**

**“The project report submitted to St. Joseph’s College of Arts and Science”  
(Autonomous), Cuddalore.**

In partial fulfilment of the requirement for the award of the degree of  
**BACHELOR OF ARTS**

Submitted by

**S. TAMILARASAN**

**Reg.no: A20HID29**

Under the Guidance of

**Mr. V. BALACHANDAR, M.A., B.ED.,**

(Assistant Professor of History)



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE- 607 001**

**APRIL 2023**

## BONAFIDE CERTIFICATE

This is to certify that this project report titled, **"HISTORICAL STUDY AND MONUMENTS OF CUDDALORE DISTRICT"** a bonafide record work Submitted by **S.TAMILARASAN (A20HID29)** in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF ARTS** in **ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the Project work has not been submitted for the award of any other degree.

Place: Cuddalore

Date: 29/05/2023

Signature of the guide

Signature of the HOD

**Dr. Sambana Raj**  
Associate Professor  
Head (i/c), Department of History,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 1

Signature of the External

**Dr. (Mrs) T. UMA, M.A., M.HI., Ph.D., SET.,**  
Assistant Professor & Head  
Department of History  
C.Kandaswami Naidu College for Women  
Cuddalore - 607 001.

**"Political Achivement of Dr.Karunanidhi a Study"**

**"The project report submitted to St. Joseph's College of Arts and Science In partial fulfilment of the requirement for the award of**

**the degree of**

**(Autonomous), Cuddalore.**

**BACHELOR OF HISTORY**

**Submitted by**

**B. Tamil eniyan**

**Reg. no: A20HID30**

**Under the Guidance of**

**Mr. M.JEYARAJ, M.A., M.Phil.,**

**(Assistant Professor of History)**



**DEPARTMENT OF HISTORY**

**ST. JOSEHP'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL 2023**



## BONAFIDE CERTIFICATE

This is to certify that this project report title, **POLITICAL ACHIVEMENT OF Dr.KARUNANIDHI A STUDY** a bonafide record work submitted by **B.TAMIL ENIYAN (A20HID30)** in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF HISTORY** in **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree

Place: Cuddalore

Date: 29/05/2023

Signature of the Guide

Signature of the HOD

**Dr. Santhana Raj**

Associate Professor

Head (i/c), Department of History,

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore - 1.

Signature of the external

**Dr. (Mrs) T. UMA, M.A., M.HI., Ph.D., SET,**  
Assistant Professor & Head  
Department of History  
C.Kandaswami Naidu College for Women  
Cuddalore - 607 001.

**“TOURISIM OF PICHAVARAM”**

**“The project report submitted to St. Joseph’s College of Arts and Science  
(Autonomous),Cuddalore.**

In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF ARTS**

Submitted by

**A.THIRUMALAI**

**Reg.no:A20HID31**

Under the Guidance of

**Dr.R.SUDAROLI, M.A.,PH.D.,**

(Assistant Professor of History)



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE- 607001**

**APRIL 2023**

## BONAFIDE CERTIFICATE

This is to certify that this project report titled, **TOURISIM OF PICHAVARAM** a bonafide record work submitted by **A.THIRUMALAI (A20HID31)** in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF ARTS in ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: CUDDALORE

Date: 29/05/2023

  
Signature of the guide

Signature of the HOD

**Dr. L. Santhana Raj**  
Associate Professor  
Head (i/c), Department of History,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 1.

Signature of the External

  
**Dr. (Mrs) T. UMA, M.A., M.HI., Ph.D., SET.,**  
Assistant Professor & Head  
Department of History  
C. Kandaswami Naidu College for Women  
Cuddalore - 607 001.

***"LAL BAHADUR SHASTRI POLITICAL CAREER & ACHIVEMENTS-A STUDY"***

The project report submitted to ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS), CUDDALORE.

In partial fulfillment of the award of the degree of  
**BACHELOR OF ARTS IN HISTORY**

Submitted by

**V.VIJAY PRABAKARAN**

**Reg.no: A20HID33**

Under the Guidance of .,

**Mr.V.BALACHANDAR,M.A.,B.ED.,**

(Assistant professor of History)



**DEPARTMENT OF HISTORY**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS),CUDDALORE-607001**

**APRIL 2023**



# **BONAFIDE CERTIFICATE**

This is to certify that this project report titled, "LAL BAHADUR SHASTRI POLITICAL CAREER & ACHIVEMENTS – A STUDY" a bonafide record work submitted by V.VIJAY PRABAKARAN (A20HID33) in partial fulfilment of the requirement for the award of the Degree of **BACHELOR OF ARTS** in **ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: Cuddalore

Date: 29/05/2023

  
Signature of the guide

  
Signature of the HOD

**Dr. L. Santhana Raj**  
Associate Professor  
Head (i/c), Department of History,  
St.Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 1.

  
Signature of External

**Dr.(Mrs) T. UMA.M.A.,M.N.,Ph.D.,SET.**  
Assistant Professor & Head  
Department of History  
C.Kandaswami Naidu College for Women  
Cuddalore - 607 001.

"SRI ARUNACHALESWARAR TEMPLE  
TIRUVANNAMALAI - A STUDY"

"The project report submitted to St. Joseph's College of Arts and Science

(Autonomous), Cuddalore,

In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF ARTS IN HISTORY**

Submitted by

L.DIVAKAR

Reg.no: A20HID35

Under the Guidance of

Mr.M.JAYARAJ, M.A... Phil.,

(Assistant Professor of History)



PG & RESEARCH DEPARTMENT OF HISTORY

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

CUDDALORE - 607001

APRIL 2023

## BONAFIDE CERTIFICATE

This is to certify that this project report titled, "SRI ARUNACHALESWARAR TEMPLE TIRUVANNAMALAI - A STUDY" a bonafide record work submitted by Mr.L.DIVAKAR (A20HID35) in partial fulfillment of the requirement for the award of the degree of BACHELOR OF ARTS IN HISTORY in ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: Cuddalore

Date : 29/05/2023

Signature of the guide

Signature of the HOD

**Dr. S. Sathya Raj**  
Associate Professor  
Head (i/c), Department of History,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 1.

Signature of the External

**Dr.(Mrs) T. UMA, M.A., M.NIL., Ph.D., SET.,**  
Assistant Professor & Head  
Department of History  
C.Kandaswami Naidu College for Women  
Cuddalore - 607 001.

"Administration and social life of Second Pandian Empire and study"

"The project report submitted to St. Joseph's College of Arts and  
Science

(Autonomous), Cuddalore.

In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF HISTORY**

Submitted by

Srikanth.J  
Reg.no: A20HID36

Under the Guidance of

Dr.R.SUDAROLI,M.A.,Ph.D.,

(Assistant Professor of History)



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL 2023**




## BONAFIDE CERTIFICATE


This is to certify that this project report titled, "Administration and social life of Second Pandian Empire and study" a bonafide record work submitted by J.SRIKANTH(A20HID36) in partial fulfillment of the requirement for the award of the degree of **BACHELOR OF HISTORY** in **ST JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: Cuddalore

Date: 29/05/23

  
Signature of the guide

  
Signature of the HOD  
**Dr. L. Santhana Raj**  
Associate Professor  
Head (i/c), Department of History,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 1.

  
Signature of the External  
**Dr.(Mrs) T. UMA, M.A., M.M., Ph.D., SET.,**  
Assistant Professor & Head  
Department of History  
C.Kandaswami Naidu College for Women  
Cuddalore - 607 001.

**“HISTORY OF CUDDALORE THROUGH THE AGES – A  
STUDY”**

**“The project report submitted to St. Joseph’s College of Arts and Science  
(Autonomous), Cuddalore.**

In partial fulfilment of the requirement for the award of the degree of

**BACHELOR OF HISTORY**

**Submitted by**

**MUDHAYA KUMAR**

**Reg.no: A20HID37**

**Mr. V. BALACHANDHAR, M.A., B.ED.,**

**Under the Guidance of**

**(Assistant Professor of History)**



**DEPARTMENT OF HISTORY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE - 607001**

**APRIL 2022**

## BONAFIDE CERTIFICATE

### DECLARATION


This is to certify that this project report titled, **HISTORY OF CUDDALORE THROUGH THE AGES** a bonafide record work submitted by **M.UTHAYA KUMAR (A20HID37)** in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF HISTORY** in **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2021-2022 and that the project work has not been submitted for the award of any other degree.


Place: Cuddalore

Date: 29-05-2023



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# **"INDUSTRIAL REVOLUTION"**

**"The project report submitted to St. Joseph's College of Arts and  
Science(Autonomous), Cuddalore.**

In partial fulfillment of the requirement for the award of  
the degree of

**BACHELOR OF ARTS**

Submitted by

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**APRIL 2023**



## BONAFIDE CERTIFICATE

This is to certify that this project report titled, **INDUSTRIAL REVOLUTION** a bonafide record work submitted by **A.KUMARAN (A20HID38)** in partial fulfillment of the requirement for the award of the degree of **BACHELOR OF ARTS in ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

Place: CUDDALORE

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**“IMPACT OF BRITISH RULE IN TAMIL NADU”**

**“The project report submitted to St. Joseph’s College of Arts and Science**

**(Autonomous),Cuddalore.**

In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF ARTS**

Submitted by

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE- 607001**

**APRIL 2023**

## BONAFIDE CERTIFICATE

This is to certify that this project report titled, **"IMPACT OF BRITISH RULE IN TAMIL NADU"** a bonafide record work submitted by **J.PRATHAP (A20HID39)** in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF ARTS in ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2022-2023 and that the project work has not been submitted for the award of any other degree.

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